

Converting Colors

HunterLab(76.7549, -29.8793,
-26.3076)

Have a look what the booklet for
HunterLab(76.7549, -29.8793,
-26.3076) contains.

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Color

**HunterLab(76.8832,
-30.0492, -26.1097)**

Conversions

Conversions Part 1

Format	Color
Hex	33DCFF
RGB	51, 220, 255
RGB Percent	20%, 86%, 100%
CMY	0.7999, 0.1372, 0.0000
CMYK	0.80, 0.14, 0.00, 0.00
HSL	190°, 100%, 60%
HSV	190°, 80%, 100%
XYZ	45.0085, 59.1103, 103.6451
YIQ	173.4590, -111.9590, -24.9430

Conversions

Conversions Part 2

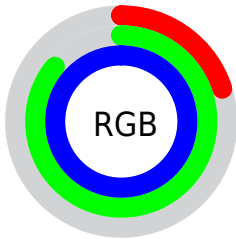
Format	Color
R _{YB}	51, 143, 255
Decimal	3398911
CIE Lab	81.35, -29.90, -28.89
CIE LCh	81, 41.576, 224.017
Yxy	59.1123, 0.2166, 0.2845
Android (android.graphics.Color)	4281588991 (0xFF33DCFF)
YUV	173.4590, 40.1997, -107.3965
Hunter-Lab	76.8832, -30.0492, -26.1097

Details

The HunterLab color **76.8832, -30.0492, -26.1097** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **53.0635, 59.0760, 30.2297**, and the grayscale version is **64.7094, -3.4527, 3.5158**.

A 20% lighter version of the original color is **91.4141, -36.6253, -5.6737**, and **55.6664, -21.5859, -22.9804** is the 20% darker color. If you saturate the color by 10%, you get **75.0697, -29.3067, -28.9765**, and if you desaturate by 10%, it is **78.9257, -29.9482, -22.9613**.

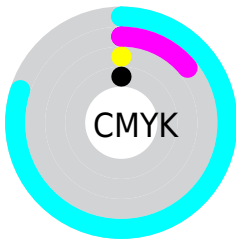
Distribution



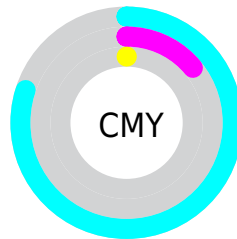
- Red (20%)
- Green (86%)
- Blue (100%)



- Red (20%)
- Yellow (56%)
- Blue (100%)



- Cyan (80%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (80%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 76.8832, -30.0492, -26.1097 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 76.8832, -30.0492, -26.1097 by changing the saturation by 10% instead.

76.8832, -30.0492,
-26.1097

76.8832, -30.0492,
-26.1097

205.2603,
-48.2286, -27.6548

65.3479, -27.8601,
-25.6739

101.7550,
-34.2737, -26.8082

54.4542, -25.6002,
-25.1866

115.0345,
-36.3290, -27.0766

44.2437, -23.2484,
-24.6517

128.8462,
-38.3561, -27.2928

34.7657, -20.7738,
-24.0853

143.1702,
-40.3606, -27.4584

26.0818, -18.1295,
-23.5251

157.9890,
-42.3467, -27.5756

18.2728, -15.2383,
-23.0663

173.2864,

11.4506, -12.7938,

-44.3181, -27.6461

-22.9825

189.0479,
-46.2779, -27.6720

■ 3.8706, -6.7736,
-39.6946

0.0000, NaN, -NF

■ 76.8832, -30.0492,
-26.1097

■ 76.8832, -30.0492,
-26.1097

■ 75.0697, -29.3067,
-28.9765

■ 78.9257, -29.9482,
-22.9613

■ 73.4401, -27.8772,
-31.6138

■ 81.2084, -28.9531,
-19.5395

■ 73.4389, -27.8761,
-31.6158

■ 83.7391, -27.0552,
-15.8593

■ 86.5184, -24.2750,
-11.9463

89.5423, -20.6540,
-7.8301

92.8040, -16.2472,
-3.5414

96.2943, -11.1176,
0.8899

100.0000, -5.3358,
5.4332

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.8845, -38.2237, -5.2947



76.8832, -30.0492, -26.1097



76.8845, -14.4941, -40.3849

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.8845, -30.0494, -26.1076



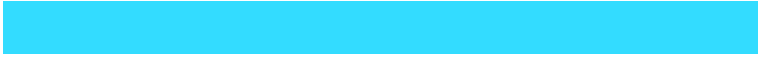
76.8845, 36.8294, -6.6794



76.8845, -13.2736, 32.0586

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



76.8832, -30.0492, -26.1097



53.0635, 59.0760, 30.2297

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.8845, 6.8636, 31.8689



76.8832, -30.0492, -26.1097



76.8845, 37.2429, 12.5929

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.8845, -30.0494, -26.1076



76.8845, 24.7321, -27.3438



76.8845, 25.8097, 25.6555



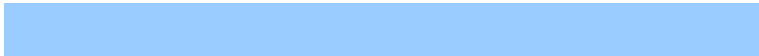
76.8845, -29.2355, 26.2646

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.8832, -30.0492, -26.1097



76.8845, -1.3718, -42.4466



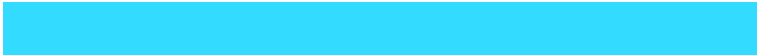
76.8845, 25.8097, 25.6555



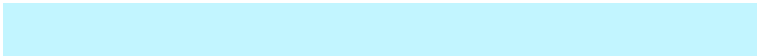
76.8845, -6.8034, 32.6349

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



76.8845, -30.0494, -26.1076



91.4689, -18.1037, -5.2789



85.3700, -68.3407, 45.4371



41.7830, -9.0925, -3.1473

0.0000, NaN, NaN



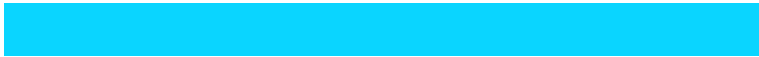
46.2646, -2.4686, 2.5136

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.8845, -30.0494, -26.1076



74.0771, -28.4974, -30.5753



45.9576, 20.6151, -93.3739



44.6316, -5.0197, 0.5132



53.2689, -20.3947, -22.5553



17.0190, -6.8886, -6.4018

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



53.6626, 90.1809, -40.1675



51.2694, 96.0604, -39.5249



75.5265, 8.7105, 44.2312



42.7127, 3.1970, -0.7024



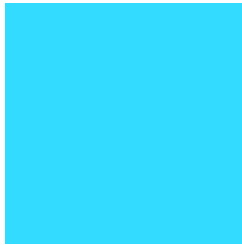
36.8680, 69.8742, -28.3974



11.5626, 22.0094, -9.6451

Previews

White Background



This preview shows how the HunterLab color 76.8832, -30.0492, -26.1097 looks on a white background.

Color Contrast Check

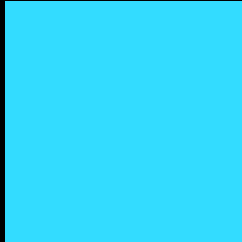
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 76.8832, -30.0492, -26.1097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

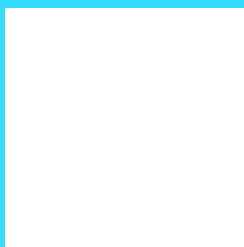
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 76.8832, -30.0492, -26.1097 Background



This preview shows how black text looks on a background with the HunterLab color 76.8832, -30.0492, -26.1097.



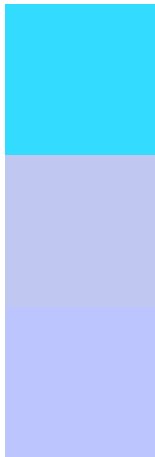
This preview shows how white text looks on a background with the HunterLab color 76.8832,

-30.0492, -26.1097.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

76.8832, -30.0492, -26.1097

Protanopia

76.3836, 1.6107, -16.8941

Deuteranopia

76.1389, 5.0824, -26.6664



Tritanopia

76.7573, -35.1987, -17.6001

Trichromacy



Original Color

76.8832, -30.0492, -26.1097



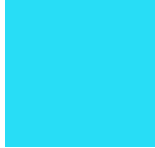
Protanomaly

75.4195, -14.1695, -21.6863



Deuteranomaly

75.0810, -11.2631, -28.6425



Tritanomaly

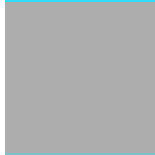
76.6928, -33.2792, -20.7292

Monochromacy



Original Color

76.8832, -30.0492, -26.1097



Achromatopsia

64.6440, -3.4492, 3.5122



Achromatomaly

67.6800, -17.5690, -8.0993

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.8832, -30.0492, -26.1097 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(51, 220, 255)` looks like.

```
.text, #text, p{  
    color:rgb(51, 220, 255)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(51, 220, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 220, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 76.8832, -30.0492, -26.1097 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(51, 220, 255) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(51, 220, 255) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(51, 220, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 220, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 220, 255);  
box-shadow:4px 4px 4px 4px rgb(51, 220,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 76.8832, -30.0492, -26.1097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 220, 255) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(51, 220,  
255) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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