

Converting Colors

HunterLab(62.8362, -2.8017,
-37.1032)

Have a look what the booklet for
HunterLab(62.8362, -2.8017,
-37.1032) contains.

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Color

**HunterLab(62.9385, -2.9822,
-36.7460)**

Conversions

Conversions Part 1

Format	Color
Hex	78ACED
RGB	120, 172, 237
RGB Percent	47%, 67%, 93%
CMY	0.5294, 0.3255, 0.0706
CMYK	0.49, 0.27, 0.00, 0.07
HSL	213°, 76%, 70%
HSV	213°, 49%, 93%
XYZ	37.7843, 39.6125, 85.7753
YIQ	163.8620, -51.8570, 9.1910

Conversions

Conversions Part 2

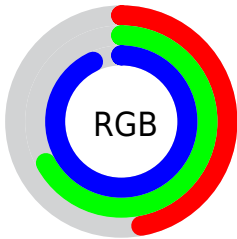
Format	Color
RYB	120, 156, 237
Decimal	7908589
CIELab	69.19, 0.43, -37.83
CIELCh	69, 37.830, 270.658
Yxy	39.6140, 0.2316, 0.2428
Android (android.graphics.Color)	4286098669 (0xFF78ACED)
YUV	163.8620, 36.0570, -38.4670
Hunter-Lab	62.9385, -2.9822, -36.7460

Details

The HunterLab color $62.9385, -2.9822, -36.7460$ is a light color, and the websafe version is hex $6699CC$. A complement of this color would be $73.5258, 6.4705, 31.0892$, and the grayscale version is $60.7459, -3.2412, 3.3004$.

A 20% lighter version of the original color is $84.6305, -13.3713, -14.3650$, and $42.1441, -1.8278, -35.5645$ is the 20% darker color. If you saturate the color by 10%, you get $57.7561, -0.5917, -46.6707$, and if you desaturate by 10%, it is $68.4004, -4.5615, -27.3817$.

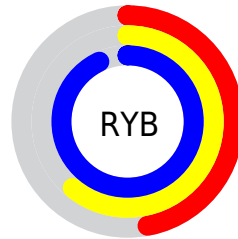
Distribution



Red (47%)

Green (67%)

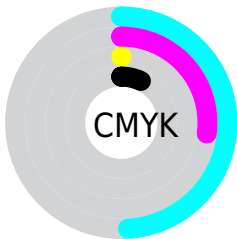
Blue (93%)



Red (47%)

Yellow (61%)

Blue (93%)

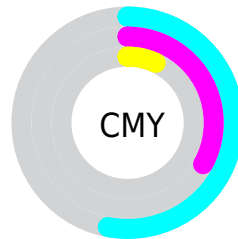


Cyan (49%)

Magenta (27%)

Yellow (0%)

Black (7%)



Cyan (53%)

Magenta (33%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 62.9385, -2.9822, -36.7460 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 62.9385, -2.9822, -36.7460 by changing the saturation by 10% instead.

■ 62.9385, -2.9822,
-36.7460

■ 62.9385, -2.9822,
-36.7460

185.6055, -9.3696,
-40.7869

■ 52.1898, -2.4310,
-36.0936

■ 86.3570, -4.1909,
-37.9635

■ 42.1329, -1.9183,
-35.4463

■ 98.9592, -4.8444,
-38.5105

■ 32.8207, -1.4474,
-34.8559

■ 112.1209, -5.5287,
-39.0103

■ 24.3181, -1.0222,
-34.4366

125.8194, -6.2423,
-39.4615

■ 16.7113, -0.6483,
-34.4592

140.0344, -6.9843,
-39.8640

■ 10.1216, -0.3337,
-35.7024

154.7477, -7.7534,

0.0000, NaN, -NF

-40.2184

0.0000, NaN, -NF

169.9430, -8.5487,
-40.5256

0.0000, NaN, -NF

■ 62.9385, -2.9822,
-36.7460

■ 62.9385, -2.9822,
-36.7460

■ 57.7561, -0.5917,
-46.6707

■ 68.4004, -4.5615,
-27.3817

■ 52.8880, 2.7304,
-57.1829

■ 74.1056, -5.4440,
-18.5350

■ 48.3778, 7.0937,
-68.2595

■ 80.0272, -5.7316,
-10.1478

■ 44.2689, 12.5638,
-79.8098

■ 86.1420, -5.5115,
-2.1624

■ 40.5795, 19.0570,
-91.7255

■ 92.4303, -4.8570,
5.4756

■ 40.3552, 19.4868,
-92.5069

■ 98.1689, -6.2859,
11.9910

■ 99.4457, -8.3809,
13.3624

Harmonies

Analogous

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



62.9396, -18.7308, -30.5445



62.9385, -2.9822, -36.7460



62.9396, 14.3661, -30.0052

Triad

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



62.9396, -2.9822, -36.7446



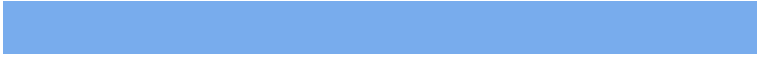
62.9396, 27.6180, 17.4240



62.9396, -29.6239, 16.9499

Complementary

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



62.9385, -2.9822, -36.7460



73.5258, 6.4705, 31.0892

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.



62.9396, -19.3214, 24.8907



62.9385, -2.9822, -36.7460



62.9396, 13.6403, 25.1083

Square

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



62.9396, -2.9822, -36.7446



62.9396, 33.1546, 3.7855



62.9396, -3.7402, 27.4276



62.9396, -33.0791, 3.0644

Rectangle

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



62.9385, -2.9822, -36.7460



62.9396, 24.2490, -19.9026



62.9396, -3.7402, 27.4276



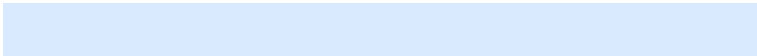
62.9396, -26.9053, 20.2556

Sweetspot

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



62.9396, -2.9822, -36.7446



89.7979, -6.1879, -7.2410



82.4851, -43.2461, 17.3347



40.8974, -2.8777, -4.2065

0.0000, NaN, NaN



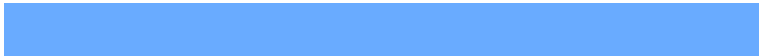
46.2646, -2.4686, 2.5136

Same Dimension

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



62.9396, -2.9822, -36.7446



62.8325, -0.6834, -50.5687



48.9626, 25.8217, -66.3985



39.5613, -2.5349, -1.0281



30.2390, 13.4813, -66.8983



9.5245, 1.6580, -15.4840

Inverse Universe

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



58.6665, 46.6933, -2.4784



58.5046, 61.2634, -2.1334



88.8477, -21.5222, 42.5118



38.9427, 2.1804, 1.2329



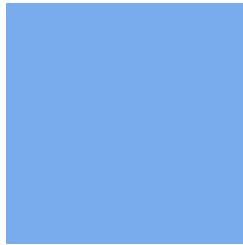
32.2737, 57.0856, 6.7775



9.1487, 16.3792, 0.3944

Previews

White Background



This preview shows how the HunterLab color 62.9385, -2.9822, -36.7460 looks on a white background.

Color Contrast Check

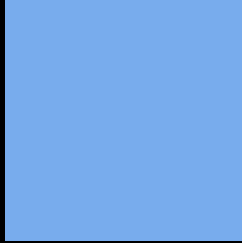
Large Text (above 18pt) WCAG AA × Fail

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 62.9385, -2.9822, -36.7460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

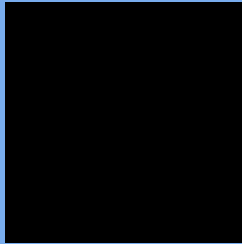
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

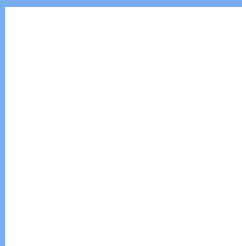
Any Text WCAG AAA ✓ Pass

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

HunterLab 62.9385, -2.9822, -36.7460 Background



This preview shows how black text looks on a background with the HunterLab color 62.9385, -2.9822, -36.7460.



This preview shows how white text looks on a background with the HunterLab color 62.9385, -2.9822, -36.7460.

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

62.9385, -2.9822, -36.7460

Protanopia

62.7651, 5.0974, -33.3523

Deuteranopia

62.9683, 4.8371, -37.2783



Tritanopia

62.9657, -19.1467, -10.1518

Trichromacy



Original Color

62.9385, -2.9822, -36.7460

Protanomaly

62.7288, 2.1559, -34.8836

Deuteranomaly

63.0078, 1.9570, -37.2566

Tritanomaly

62.8307, -13.6149, -19.0592

Monochromacy



Original Color

62.9385, -2.9822, -36.7460

Achromatopsia

60.9293, -3.2510, 3.3104

Achromatomaly

61.3962, -4.4203, -9.8447

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 62.9385, -2.9822, -36.7460 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(120, 172, 237)` looks like.

```
.text, #text, p{  
    color:rgb(120, 172, 237)  
}
```

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(120, 172, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 172, 237) }
```

Border

The CSS property to change the border of an element to HunterLab 62.9385, -2.9822, -36.7460 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(120, 172, 237) }
```


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

```
.border{ border-color:rgb(120, 172, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 172, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 172, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 172, 237);  
box-shadow:4px 4px 4px 4px rgb(120, 172,  
237) }
```

Background

The CSS property to change the background color of an element to HunterLab 62.9385, -2.9822, -36.7460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 172, 237) }
```

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

```
.background{ background-color: rgb(120,  
172, 237) }
```

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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