

Converting Colors

HunterLab(48.0594, 20.6313,
-86.7406)

Have a look what the booklet for
HunterLab(48.0594, 20.6313,
-86.7406) contains.

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Color

**HunterLab(48.1371, 20.4716,
-86.5072)**

Conversions

Conversions Part 1

Format	Color
Hex	4C7CFF
RGB	76, 124, 255
RGB Percent	30%, 49%, 100%
CMY	0.7019, 0.5137, 0.0000
CMYK	0.70, 0.51, 0.00, 0.00
HSL	224°, 100%, 65%
HSV	224°, 70%, 100%
XYZ	28.2381, 23.1718, 97.5920
YIQ	124.5820, -70.6590, 30.5650

Conversions

Conversions Part 2

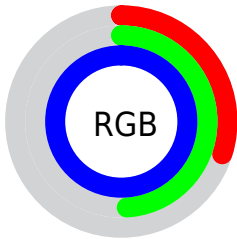
Format	Color
R _Y B	76, 114, 255
Decimal	5012735
CIE Lab	55.25, 26.53, -69.99
CIE LCh	55, 74.848, 290.758
Yxy	23.1724, 0.1895, 0.1555
Android (android.graphics.Color)	4283202815 (0xFF4C7CFF)
YUV	124.5820, 64.2961, -42.6064
Hunter-Lab	48.1371, 20.4716, -86.5072

Details

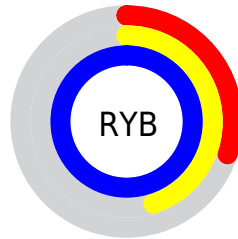
The HunterLab color $48.1371, 20.4716, -86.5072$ is a dark color, and the websafe version is hex $3366FF$. The color can be described as middle washed azure. A complement of this color would be $81.4942, -0.5484, 45.2307$, and the grayscale version is $44.9004, -2.3958, 2.4395$.

A 20% lighter version of the original color is $66.4831, 4.6815, -43.3233$, and $30.3317, 21.4375, -84.1894$ is the 20% darker color. If you saturate the color by 10%, you get $42.5243, 28.3260, -105.2086$, and if you desaturate by 10%, it is $54.3695, 14.0042, -69.4225$.

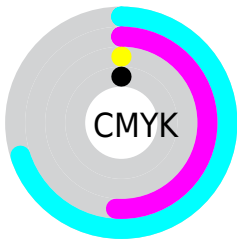
Distribution



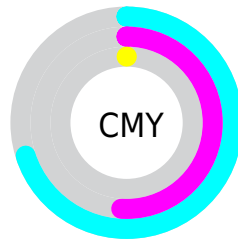
- Red (30%)
- Green (49%)
- Blue (100%)



- Red (30%)
- Yellow (45%)
- Blue (100%)



- Cyan (70%)
- Magenta (51%)
- Yellow (0%)
- Black (0%)



- Cyan (70%)
- Magenta (51%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.1371, 20.4716, -86.5072 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 48.1371, 20.4716, -86.5072 by changing the saturation by 10% instead.

■ 48.1371, 20.4716,
-86.5072

■ 48.1371, 20.4716,
-86.5072

163.8930, 24.3145,
-92.7898

■ 38.3678, 19.6104,
-87.0093

■ 69.7684, 21.8753,
-87.0191

■ 29.3662, 18.6220,
-88.5528

■ 81.5459, 22.4374,
-87.6586

■ 21.2051, 17.4922,
-92.0802

■ 93.9204, 22.9183,
-88.4234

■ 13.9823, 16.2103,
-99.8974

■ 106.8644, 23.3250,
-89.2607

■ 7.6233, 16.0013,
-122.9850

120.3537, 23.6634,
-90.1358

0.0000, INF, -NF

0.0000, NaN, -NF

134.3672, 23.9383,

-91.0254

0.0000, NaN, -NF

148.8860, 24.1541,
-91.9138

0.0000, NaN, -NF

■ 48.1371, 20.4716,
-86.5072

■ 48.1371, 20.4716,
-86.5072

■ 42.5243, 28.3260,
-105.2086

■ 54.3695, 14.0042,
-69.4225

■ 37.6704, 37.5322,
-125.0353

■ 61.1041, 8.7674,
-53.9935

■ 33.7623, 47.3925,
-144.5068

■ 68.2520, 4.5615,
-40.0486

■ 75.7455, 1.1964,
-27.3595

■ 83.5329, -1.4885,
-15.7042

■ 91.5746, -3.6224,
-4.8894

99.8397, -5.3073,
5.2449

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.



48.1377, -11.7911, -93.9213



48.1371, 20.4716, -86.5072



48.1377, 52.9536, -48.9433

Triad

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



48.1377, 20.4728, -86.5053



48.1377, 41.3265, 29.1190



48.1377, -48.4680, 10.8798

Complementary

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



48.1371, 20.4716, -86.5072



81.4942, -0.5484, 45.2307

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.



48.1377, -40.6375, 26.4833



48.1371, 20.4716, -86.5072



48.1377, 7.3997, 31.7281

Square

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



48.1377, 20.4728, -86.5053



48.1377, 66.9573, 18.7178



48.1377, -21.9589, 31.2212



48.1377, -46.6495, -22.1720

Rectangle

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



48.1371, 20.4716, -86.5072



48.1377, 67.7732, -20.1107



48.1377, -21.9589, 31.2212



48.1377, -46.9706, 17.8331

Sweetspot

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



48.1377, 20.4728, -86.5053



82.8933, -1.2934, -16.6130



87.9945, -53.2231, 14.6770



37.3457, -0.2773, -9.1415

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



48.1377, 20.4728, -86.5053



40.5779, 31.6850, -112.6765



40.0266, 53.3854, -114.5403



42.6261, -1.7356, -1.9307



24.8284, 32.9549, -102.1735



8.7811, 7.4039, -26.9585

Inverse Universe

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



52.8070, 68.0252, 12.3203



48.7014, 76.9262, 17.2194



93.0990, -37.4378, 52.3560



42.5054, 2.0853, 2.2472



33.6902, 58.4121, 16.2141



10.5943, 18.5277, 3.8635

Previews

White Background



This preview shows how the HunterLab color 48.1371, 20.4716, -86.5072 looks on a white background.

Color Contrast Check

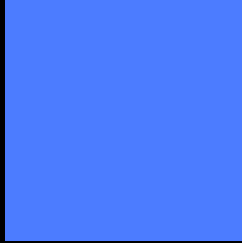
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.1371, 20.4716, -86.5072 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

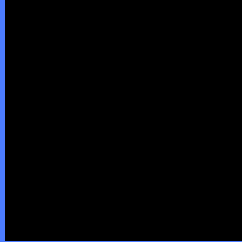
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

HunterLab 48.1371, 20.4716, -86.5072 Background



This preview shows how black text looks on a background with the HunterLab color 48.1371, 20.4716, -86.5072.



This preview shows how white text looks on a background with the HunterLab color 48.1371, 20.4716, -86.5072.

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

48.1371, 20.4716, -86.5072

Protanopia

48.1778, 16.5210, -86.4529

Deuteranopia

47.9486, 3.1140, -66.6538



Tritanopia

47.9501, -22.9931, -10.2980

Trichromacy



Original Color

48.1371, 20.4716, -86.5072

Protanomaly

48.1648, 17.8525, -86.4690

Deuteranomaly

47.5636, 8.6660, -75.2548

Tritanomaly

47.1954, -10.0013, -34.4747

Monochromacy



Original Color

48.1371, 20.4716, -86.5072

Achromatopsia

45.2856, -2.4163, 2.4605

Achromatomaly

45.5759, 1.8765, -22.6576

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.1371, 20.4716, -86.5072 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(76, 124, 255)` looks like.

```
.text, #text, p{  
    color:rgb(76, 124, 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(76, 124, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 124, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 48.1371, 20.4716, -86.5072 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(76, 124, 255) }
```


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

```
.border{ border-color:rgb(76, 124, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 124, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 124, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 124, 255);  
box-shadow:4px 4px 4px 4px rgb(76, 124,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.1371, 20.4716, -86.5072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 124, 255) }
```

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

```
.background{ background-color: rgb(76, 124,  
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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