

Converting Colors

HunterLab(48.3007, 20.1740,
-79.8975)

Have a look what the booklet for
HunterLab(48.3007, 20.1740,
-79.8975) contains.

HunterLab(48.3007, 20.1740, -79.8975)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	30

Color

**HunterLab(48.3007, 20.1740,
-79.8975)**

Conversions

Conversions Part 1

Format	Color
Hex	587CF9
RGB	88, 124, 249
RGB Percent	35%, 49%, 98%
CMY	0.6549, 0.5137, 0.0235
CMYK	0.65, 0.50, 0.00, 0.02
HSL	227°, 93%, 66%
HSV	227°, 65%, 98%
XYZ	28.3311, 23.3296, 92.6324
YIQ	127.4860, -61.5810, 31.2430

Conversions

Conversions Part 2

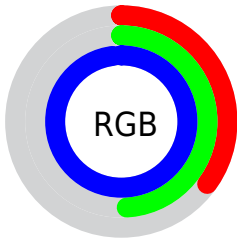
Format	Color
R _Y B	88, 117, 249
Decimal	5799161
CIE Lab	55.41, 26.20, -66.39
CIE LCh	55, 71.370, 291.535
Yxy	23.3303, 0.1963, 0.1617
Android (android.graphics.Color)	4283989241 (0xFF587CF9)
YUV	127.4860, 59.9064, -34.6292
Hunter-Lab	48.3007, 20.1740, -79.8975

Details

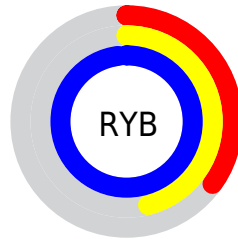
The HunterLab color **48.3007, 20.1740, -79.8975** is a light color, and the websafe version is hex **6666CC**. The color can be described as light muted azure. A complement of this color would be **82.7271, -5.3301, 44.2644**, and the grayscale version is **46.0502, -2.4571, 2.5020**.

A 20% lighter version of the original color is **67.0418, 6.5483, -42.2431**, and **29.9577, 19.6638, -79.8931** is the 20% darker color. If you saturate the color by 10%, you get **42.3503, 27.7751, -98.8891**, and if you desaturate by 10%, it is **54.8541, 13.8962, -62.8266**.

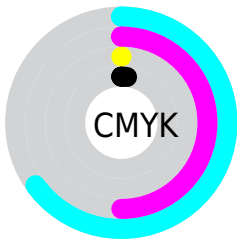
Distribution



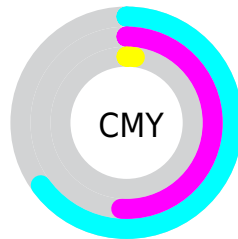
- Red (35%)
- Green (49%)
- Blue (98%)



- Red (35%)
- Yellow (46%)
- Blue (98%)



- Cyan (65%)
- Magenta (50%)
- Yellow (0%)
- Black (2%)



- Cyan (65%)
- Magenta (51%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.3007, 20.1740, -79.8975 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 48.3007, 20.1740, -79.8975 by changing the saturation by 10% instead.

■ 48.3007, 20.1740,
-79.8975

■ 48.3007, 20.1740,
-79.8975

164.1392, 23.8899,
-86.4269

■ 38.5196, 19.3298,
-80.1360

■ 69.9536, 21.5457,
-80.6737

■ 29.5050, 18.3591,
-81.2476

■ 81.7410, 22.0927,
-81.3699

■ 21.3297, 17.2473,
-84.0337

■ 94.1249, 22.5592,
-82.1613

■ 14.0907, 15.9827,
-90.4499

■ 107.0778, 22.9519,
-83.0036

■ 7.7396, 15.6261,
-109.5219

120.5758, 23.2768,
-83.8676

0.0000, INF, -NF

0.0000, NaN, -NF

134.5976, 23.5387,

-84.7342

0.0000, NaN, -NF

149.1244, 23.7418,
-85.5902

0.0000, NaN, -NF

■ 48.3007, 20.1740,
-79.8975

■ 48.3007, 20.1740,
-79.8975

■ 42.3503, 27.7751,
-98.8891

■ 54.8541, 13.8962,
-62.8266

■ 37.1556, 36.7335,
-119.4754

■ 61.8895, 8.7532,
-47.5695

■ 32.8999, 46.6924,
-140.4226

■ 69.3194, 4.5382,
-33.8624

■ 31.0415, 52.0422,
-151.1434

■ 77.0784, 1.0671,
-21.4256

■ 85.1176, -1.8102,
-10.0110

■ 93.4000, -4.2114,
0.5864

■ 99.8096, -6.3797,
8.1516

Harmonies

Analogous

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



48.3014, -10.6880, -87.6332



48.3007, 20.1740, -79.8975



48.3014, 50.6456, -44.7249

Triad

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



48.3014, 20.1752, -79.8961



48.3014, 38.2380, 28.7318



48.3014, -47.0193, 9.9498

Complementary

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



48.3007, 20.1740, -79.8975



82.7271, -5.3301, 44.2644

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.



48.3014, -39.5995, 25.6589



48.3007, 20.1740, -79.8975



48.3014, 6.1012, 31.3893

Square

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



48.3014, 20.1752, -79.8961



48.3014, 62.7020, 18.5986



48.3014, -21.7732, 30.7600



48.3014, -44.9894, -21.8104

Rectangle

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



48.3007, 20.1740, -79.8975



48.3014, 64.2508, -17.8917



48.3014, -21.7732, 30.7600



48.3014, -45.6284, 16.8436

Sweetspot

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



48.3014, 20.1752, -79.8961



83.8113, -0.6349, -15.2947



86.3435, -48.3264, 9.8429



37.6832, 0.1032, -8.6389

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



48.3014, 20.1752, -79.8961



41.5776, 31.5554, -108.7389



43.1754, 48.2255, -95.6250



41.5599, -1.4426, -2.0716



23.0874, 36.8143, -108.3287



8.0291, 8.1916, -27.7191

Inverse Universe

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



53.4566, 60.7059, 12.8526



50.0291, 72.9583, 17.6457



90.3263, -37.3059, 48.9440



41.5797, 1.9478, 2.4202



33.0893, 57.1756, 17.4341



10.1455, 17.6785, 4.1987

Previews

White Background



This preview shows how the HunterLab color 48.3007, 20.1740, -79.8975 looks on a white background.

Color Contrast Check

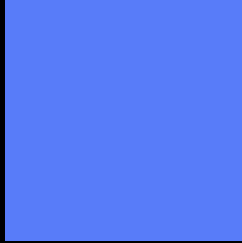
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.3007, 20.1740, -79.8975 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 48.3007, 20.1740, -79.8975 Background



This preview shows how black text looks on a background with the HunterLab color 48.3007, 20.1740, -79.8975.



This preview shows how white text looks on a background with the HunterLab color 48.3007, 20.1740, -79.8975.

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

48.3007, 20.1740, -79.8975

Protanopia

48.4674, 15.7702, -83.5378

Tritanopia

48.2572, -21.7269, -10.3877

Trichromacy



Original Color
48.3007, 20.1740, -79.8975

Protanomaly
48.4862, 17.0735, -82.4405

Tritanomaly
47.5570, -8.8781, -32.3019

Monochromacy



Original Color
48.3007, 20.1740, -79.8975

Achromatopsia
46.0685, -2.4581, 2.5030

Achromatomaly
46.2306, 2.5791, -20.8794

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.3007, 20.1740, -79.8975 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(88, 124, 249)` looks like.

```
.text, #text, p{  
    color:rgb(88, 124, 249)  
}
```

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(88, 124, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 124, 249) }
```

Border

The CSS property to change the border of an element to HunterLab 48.3007, 20.1740, -79.8975 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(88, 124, 249) }
```

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

```
.border{ border-color:rgb(88, 124, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 124, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 124, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 124, 249);  
box-shadow:4px 4px 4px 4px rgb(88, 124,  
249) }
```


Background

The CSS property to change the background color of an element to HunterLab 48.3007, 20.1740, -79.8975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 124, 249) }
```

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

```
.background{ background-color: rgb(88, 124,  
249) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor