

Converting Colors

HunterLab(49.9800, 6.3857,
-20.7218)

Have a look what the booklet for
HunterLab(49.9800, 6.3857,
-20.7218) contains.

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Color

**HunterLab(50.0977, 6.3964,
-20.7555)**

Conversions

Conversions Part 1

Format	Color
Hex	8585B5
RGB	133, 133, 181
RGB Percent	52%, 52%, 71%
CMY	0.4784, 0.4784, 0.2902
CMYK	0.27, 0.27, 0.00, 0.29
HSL	240°, 24%, 62%
HSV	240°, 27%, 71%
XYZ	26.4009, 25.0978, 47.1690
YIQ	138.4720, -15.4080, 14.9280

Conversions

Conversions Part 2

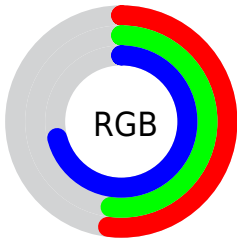
Format	Color
RYB	133, 133, 181
Decimal	8750517
CIELab	57.17, 10.84, -25.17
CIELCh	57, 27.410, 293.303
Yxy	25.0988, 0.2676, 0.2544
Android (android.graphics.Color)	4286940597 (0xFF8585B5)
YUV	138.4720, 20.9663, -4.7989
Hunter-Lab	50.0977, 6.3964, -20.7555

Details

The HunterLab color $50.0977, 6.3964, -20.7555$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $66.7572, -10.3678, 21.2451$, and the grayscale version is $50.5259, -2.6959, 2.7452$.

A 20% lighter version of the original color is $71.9702, 6.3421, -21.5459$, and $31.1336, 5.9818, -19.6022$ is the 20% darker color. If you saturate the color by 10%, you get $43.8335, 10.9160, -31.9306$, and if you desaturate by 10%, it is $56.6495, 2.3407, -10.8061$.

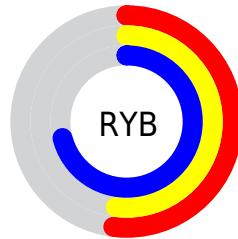
Distribution



Red (52%)

Green (52%)

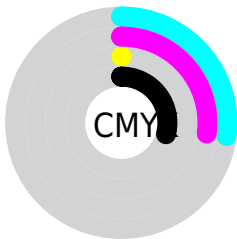
Blue (71%)



Red (52%)

Yellow (52%)

Blue (71%)

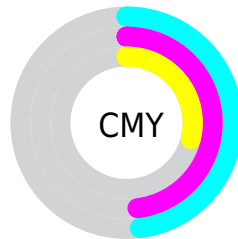


Cyan (27%)

Magenta (27%)

Yellow (0%)

Black (29%)



Cyan (48%)

Magenta (48%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.0977, 6.3964, -20.7555 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 50.0977, 6.3964, -20.7555 by changing the saturation by 10% instead.

■ 50.0977, 6.3964,
-20.7555

■ 50.0977, 6.3964,
-20.7555

166.8321, 4.3837,
-22.4953

■ 40.1879, 6.3279,
-20.2802

■ 71.9843, 6.3173,
-21.5316

■ 31.0336, 6.1748,
-19.7620

■ 83.8789, 6.1857,
-21.8312

■ 22.7044, 5.9212,
-19.2324

■ 96.3649, 5.9999,
-22.0730

■ 15.2919, 5.5449,
-18.7833

109.4154, 5.7641,
-22.2592

■ 8.9103, 5.0828,
-18.7779

123.0071, 5.4818,
-22.3922

0.0000, NaN, -NF

137.1191, 5.1560,

0.0000, NaN, -NF

-22.4743

0.0000, NaN, NaN

151.7330, 4.7892,
-22.5080

0.0000, NaN, NaN

■ 50.0977, 6.3964,
-20.7555

■ 50.0977, 6.3964,
-20.7555

■ 43.8335, 10.9160,
-31.9306

■ 56.6495, 2.3407,
-10.8061

■ 37.9207, 16.0419,
-44.7045

■ 63.4390, -1.3618,
-1.7904

■ 32.4576, 21.9237,
-59.4725

■ 70.4332, -4.7972,
6.5165

■ 27.5881, 28.6402,
-76.4508

■ 77.6068, -8.0291,
14.2818

■ 23.5180, 35.9723,
-95.0898

■ 84.9402, -11.1052,
21.6303

■ 20.5071, 42.9902,
-113.0040

■ 92.4181, -14.0610,
28.6555

■ 18.7450, 48.0227,
-125.8834

■ 98.0389, -16.1879,
33.6897

■ 18.2655, 49.5443,
-129.7821

Harmonies

Analogous

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



50.0987, -5.2339, -23.0528



50.0977, 6.3964, -20.7555



50.0987, 16.3597, -11.5767

Triad

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



50.0987, 6.3958, -20.7544



50.0987, 11.2665, 16.8562



50.0987, -22.8401, 5.1235

Complementary

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



50.0977, 6.3964, -20.7555



66.7572, -10.3678, 21.2451

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.



50.0987, -19.2350, 13.7596



50.0977, 6.3964, -20.7555



50.0987, -0.0654, 19.4710

Square

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



50.0987, 6.3958, -20.7544



50.0987, 19.3447, 10.3703



50.0987, -11.1446, 18.4816



50.0987, -21.4473, -6.3499

Rectangle

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



50.0977, 6.3964, -20.7555



50.0987, 20.3664, -3.7155



50.0987, -11.1446, 18.4816



50.0987, -22.1842, 8.4134

Sweetspot

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



50.0987, 6.3958, -20.7544



83.4112, -1.0490, -4.2739



64.2949, -16.8569, -0.5947



38.1431, -0.1518, -2.8031



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



50.0987, 6.3958, -20.7544



61.9505, 12.1127, -36.5466



52.1536, 13.0439, -17.3333



28.6883, -0.1668, -1.9720



15.1656, 41.1358, -107.7560



2.6902, 7.2964, -19.1132

Inverse Universe

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



53.1912, 13.2206, 8.2719



67.1521, 23.1586, 12.6108



64.8002, -17.4860, 19.3193



29.1638, 0.9663, 2.4299



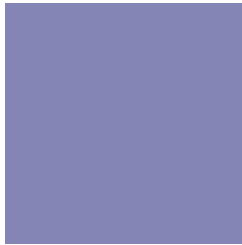
26.0237, 44.5663, 16.8158



4.6161, 7.9053, 2.9827

Previews

White Background



This preview shows how the HunterLab color 50.0977, 6.3964, -20.7555 looks on a white background.

Color Contrast Check

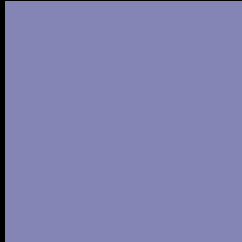
Large Text (above 18pt) WCAG AA ✓ Pass

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 50.0977, 6.3964, -20.7555 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

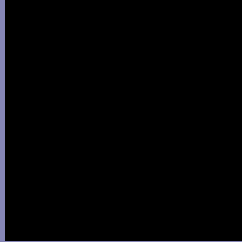
Any Text WCAG AA ✓ Pass

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 50.0977, 6.3964, -20.7555 Background



This preview shows how black text looks on a background with the HunterLab color 50.0977, 6.3964, -20.7555.



This preview shows how white text looks on a background with the HunterLab color 50.0977, 6.3964, -20.7555.

-20.7555.

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

50.0977, 6.3964, -20.7555

Protanopia

50.0319, 3.5045, -22.1989

Deuteranopia

50.1759, 3.8220, -20.6718



Tritanopia

50.1790, -4.2528, -3.2477

Trichromacy



Original Color

50.0977, 6.3964, -20.7555

Protanomaly

49.9396, 4.5408, -21.6902

Deuteranomaly

50.0535, 4.8378, -20.8557

Tritanomaly

50.1315, -0.7368, -9.0003

Monochromacy



Original Color

50.0977, 6.3964, -20.7555

Achromatopsia

50.4135, -2.6899, 2.7391

Achromatomaly

50.1753, 0.3850, -5.2009

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.0977, 6.3964, -20.7555 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(133, 133, 181)` looks like.

```
.text, #text, p{  
    color:rgb(133, 133, 181)  
}
```

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(133, 133, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 133, 181) }
```

Border

The CSS property to change the border of an element to HunterLab 50.0977, 6.3964, -20.7555 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(133, 133, 181) }
```


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

```
.border{ border-color:rgb(133, 133, 181) }
```

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

Here you see how a box with a 4 pixel rgb(133, 133, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 133, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 133, 181);  
box-shadow:4px 4px 4px 4px rgb(133, 133,  
181) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.0977, 6.3964, -20.7555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 133, 181) }
```

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

```
.background{ background-color: rgb(133,  
133, 181) }
```

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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