

Converting Colors

HunterLab(47.1203, -8.9413,
-20.8671)

Have a look what the booklet for
HunterLab(47.1203, -8.9413,
-20.8671) contains.

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Color

**HunterLab(47.1203, -8.9413,
-20.8671)**

Conversions

Conversions Part 1

Format	Color
Hex	4D88AD
RGB	77, 136, 173
RGB Percent	30%, 53%, 68%
CMY	0.6980, 0.4667, 0.3216
CMYK	0.55, 0.21, 0.00, 0.32
HSL	203°, 38%, 49%
HSV	203°, 55%, 68%
XYZ	19.4076, 22.2032, 42.7979
YIQ	122.5770, -47.0410, -1.0010

Conversions

Conversions Part 2

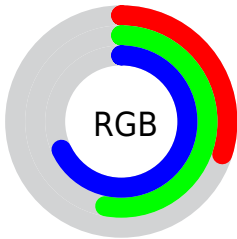
Format	Color
R_{YB}	77, 114, 173
Decimal	5081261
CIE _{Lab}	54.24, -8.34, -25.40
CIE _{LCh}	54, 26.730, 251.825
Yxy	22.2040, 0.2299, 0.2630
Android (android.graphics.Color)	4283271341 (0xFF4D88AD)
YUV	122.5770, 24.8585, -39.9710
Hunter-Lab	47.1203, -8.9413, -20.8671




Details

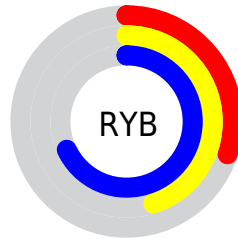
The HunterLab color **47.1203, -8.9413, -20.8671** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **46.3202, 13.7045, 19.7940**, and the grayscale version is **44.2606, -2.3616, 2.4048**.




A 20% lighter version of the original color is **68.5849, -10.6791, -22.0078**, and **28.3845, -6.8751, -19.7467** is the 20% darker color. If you saturate the color by 10%, you get **44.4493, -8.3811, -25.4930**, and if you desaturate by 10%, it is **49.9589, -8.9547, -16.2922**.

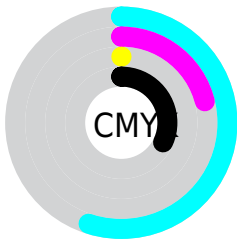
Distribution







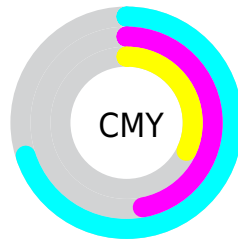
-  Red (30%)
-  Green (53%)
-  Blue (68%)






-  Red (30%)
-  Yellow (45%)
-  Blue (68%)



-  Cyan (55%)
-  Magenta (21%)
-  Yellow (0%)
-  Black (32%)



-  Cyan (70%)
-  Magenta (47%)
-  Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.1203, -8.9413, -20.8671 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 47.1203, -8.9413, -20.8671 by changing the saturation by 10% instead.

■ 47.1203, -8.9413,
-20.8671

■ 47.1203, -8.9413,
-20.8671

162.3607,
-18.5276, -22.8057

■ 37.4258, -7.9212,
-20.3724

■ 68.6171, -10.9918,
-21.6897

■ 28.5052, -6.8961,
-19.8425

■ 80.3328, -12.0295,
-22.0130

■ 20.4336, -5.8541,
-19.3220

■ 92.6485, -13.0784,
-22.2779

■ 13.3121, -4.7735,
-18.9417

■ 105.5363,
-14.1399, -22.4867

■ 6.8535, -5.6673,
-21.0163

■ 118.9717,
-15.2151, -22.6415

0.0000, NaN, -NF

0.0000, NaN, NaN

132.9334,

-16.3044, -22.7447

0.0000, NaN, NaN

147.4021,
-17.4085, -22.7987

0.0000, NaN, NaN

■ 47.1203, -8.9413,
-20.8671

■ 47.1203, -8.9413,
-20.8671

■ 44.4493, -8.3811,
-25.4930

■ 49.9589, -8.9547,
-16.2922

■ 41.9539, -7.2335,
-30.1473

■ 52.9509, -8.4694,
-11.7889

■ 39.6430, -5.4747,
-34.7974

■ 56.0853, -7.5356,
-7.3671

■ 37.5174, -3.1161,
-39.4159

■ 59.3510, -6.2017,
-3.0317

■ 36.5950, -1.9465,
-41.5387

■ 62.7376, -4.5126,
1.2166

■ 66.2356, -2.5087,
5.3803

■ 69.8362, -0.2260,
9.4636

■ 73.5317, 2.3041,
13.4720

■ 77.3153, 5.0544,
17.4116

Harmonies

Analogous

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



47.1212, -17.2802, -12.9411



47.1203, -8.9413, -20.8671



47.1212, 1.9012, -21.7158

Triad

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



47.1212, -8.9413, -20.8662



47.1212, 20.0505, 6.5086



47.1212, -15.8219, 15.2414

Complementary

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



47.1203, -8.9413, -20.8671



46.3202, 13.7045, 19.7940

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.



47.1212, -6.7777, 18.3275



47.1203, -8.9413, -20.8671



47.1212, 14.3228, 14.1170

Square

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



47.1212, -8.9413, -20.8662



47.1212, 19.3356, -4.1605



47.1212, 4.2715, 17.9697



47.1212, -20.9942, 8.4252

Rectangle

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



47.1203, -8.9413, -20.8671



47.1212, 9.1767, -17.9595



47.1212, 4.2715, 17.9697



47.1212, -13.1706, 16.6703

Sweetspot

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



47.1212, -8.9413, -20.8662



78.6244, -8.6592, -5.0976



57.1628, -34.3631, 18.1707



36.2581, -4.2068, -2.8939



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



47.1212, -8.9413, -20.8662



58.5653, -10.8832, -35.7849



34.0707, 14.3018, -47.5554



29.2330, -2.4728, -0.1878



31.5459, -1.9664, -35.1847



6.1527, -1.6982, -4.0245

Inverse Universe

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



39.9629, 38.7473, -9.2552



48.5650, 62.9179, -13.2828



59.3219, -9.1536, 29.3754



28.4516, 1.6816, 0.3559



27.0327, 49.1827, -4.9227



4.6213, 8.6063, -2.3800

Previews

White Background



This preview shows how the HunterLab color 47.1203, -8.9413, -20.8671 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 47.1203, -8.9413, -20.8671 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

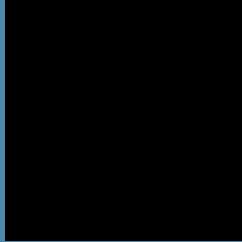
Any Text WCAG AA ✓ Pass

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 47.1203, -8.9413, -20.8671 Background



This preview shows how black text looks on a background with the HunterLab color 47.1203, -8.9413, -20.8671.



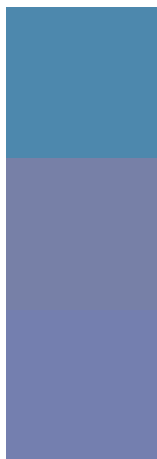
This preview shows how white text looks on a background with the HunterLab color 47.1203, -8.9413, -20.8671.

-20.8671.

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

47.1203, -8.9413, -20.8671

Protanopia

47.0641, 2.2225, -17.0167

Deuteranopia

46.8902, 3.7075, -22.3242



Tritanopia

47.1760, -16.6525, -8.0182

Trichromacy



Original Color

47.1203, -8.9413, -20.8671

Protanomaly

46.9470, -2.3627, -18.5177

Deuteranomaly

46.7397, -1.2052, -22.0172

Tritanomaly

47.2717, -14.1408, -12.2591

Monochromacy



Original Color

47.1203, -8.9413, -20.8671

Achromatopsia

44.5050, -2.3747, 2.4180

Achromatomaly

45.1947, -6.1390, -5.3172

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.1203, -8.9413, -20.8671 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(77, 136, 173)` looks like.

```
.text, #text, p{  
    color:rgb(77, 136, 173)  
}
```

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(77, 136, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 136, 173) }
```

Border

The CSS property to change the border of an element to HunterLab 47.1203, -8.9413, -20.8671 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(77, 136, 173) }
```


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

```
.border{ border-color:rgb(77, 136, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 136, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 136, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 136, 173);  
box-shadow:4px 4px 4px 4px rgb(77, 136,  
173) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.1203, -8.9413, -20.8671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 136, 173) }
```

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

```
.background{ background-color: rgb(77, 136,  
173) }
```

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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