

Converting Colors

HunterLab(42.6441, 3.4933,
-48.4753)

Have a look what the booklet for
HunterLab(42.6441, 3.4933,
-48.4753) contains.

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Color

**HunterLab(42.7165, 3.4268,
-48.6153)**

Conversions

Conversions Part 1

Format	Color
Hex	3B77C7
RGB	59, 119, 199
RGB Percent	23%, 47%, 78%
CMY	0.7686, 0.5333, 0.2196
CMYK	0.70, 0.40, 0.00, 0.22
HSL	214°, 56%, 51%
HSV	214°, 70%, 78%
XYZ	18.7093, 18.2470, 56.5688
YIQ	110.1800, -61.4400, 12.1600

Conversions

Conversions Part 2

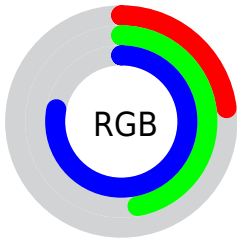
Format	Color
R_{YB}	59, 101, 199
Decimal	3897287
CIE _{Lab}	49.80, 7.26, -47.34
CIE _{LCh}	50, 47.895, 278.718
Yxy	18.2476, 0.2000, 0.1951
Android (android.graphics.Color)	4282087367 (0xFF3B77C7)
YUV	110.1800, 43.7883, -44.8849
Hunter-Lab	42.7165, 3.4268, -48.6153

Details

The HunterLab color $42.7165, 3.4268, -48.6153$ is a dark color, and the websafe version is hex $0066CC$. The color can be described as dark muted azure. A complement of this color would be $55.6109, 10.4560, 30.0375$, and the grayscale version is $39.4124, -2.1029, 2.1414$.

A 20% lighter version of the original color is $63.6266, 2.6633, -48.9066$, and $25.5345, 6.2568, -45.4224$ is the 20% darker color. If you saturate the color by 10%, you get $38.9924, 7.1747, -58.0079$, and if you desaturate by 10%, it is $46.7404, 0.5340, -39.7304$.

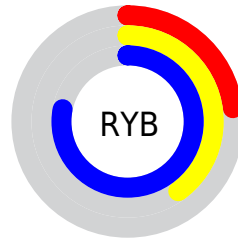
Distribution



Red (23%)

Green (47%)

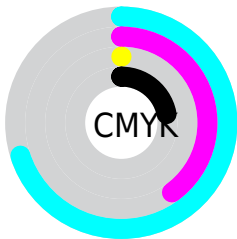
Blue (78%)



Red (23%)

Yellow (40%)

Blue (78%)

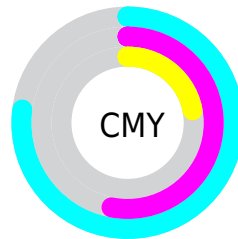


Cyan (70%)

Magenta (40%)

Yellow (0%)

Black (22%)



Cyan (77%)

Magenta (53%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.7165, 3.4268, -48.6153 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 42.7165, 3.4268, -48.6153 by changing the saturation by 10% instead.

■ 42.7165, 3.4268,
-48.6153

■ 42.7165, 3.4268,
-48.6153

■ 155.6479, 0.3436,
-54.5701

■ 33.3585, 3.4996,
-48.1922

■ 63.6072, 3.0834,
-49.9279

■ 24.8051, 3.4911,
-48.1772

■ 75.0460, 2.8258,
-50.6577

■ 17.1414, 3.3856,
-49.0633

■ 87.0985, 2.5181,
-51.3859

■ 10.4862, 3.1571,
-52.2250

■ 99.7351, 2.1641,
-52.0942

0.0000, INF, -NF

0.0000, NaN, -NF

■ 112.9297, 1.7672,
-52.7719

0.0000, NaN, -NF

126.6598, 1.3299,

0.0000, NaN, NaN

-53.4125

0.0000, NaN, NaN

140.9052, 0.8547,
-54.0126

■ 42.7165, 3.4268,
-48.6153

■ 42.7165, 3.4268,
-48.6153

■ 38.9924, 7.1747,
-58.0079

■ 46.7404, 0.5340,
-39.7304

■ 35.6046, 11.8298,
-67.8317

■ 51.0253, -1.5969,
-31.3717

■ 32.6569, 17.0747,
-77.6777

■ 55.5390, -3.0655,
-23.5133

■ 60.2540, -3.9670,
-16.1101

■ 65.1466, -4.3856,
-9.1095

■ 70.1975, -4.3932,
-2.4590

■ 75.3903, -4.0500,
3.8903

■ 80.7115, -3.4059,
9.9820

■ 86.1496, -2.5024,
15.8543

Harmonies

Analogous

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



42.7172, -14.8089, -44.7064



42.7165, 3.4268, -48.6153



42.7172, 23.1971, -34.8920

Triad

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



42.7172, 3.4275, -48.6142



42.7172, 30.3088, 18.9113



42.7172, -31.3945, 13.1597

Complementary

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



42.7165, 3.4268, -48.6153



55.6109, 10.4560, 30.0375

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.



42.7172, -22.9080, 21.5865



42.7165, 3.4268, -48.6153



42.7172, 11.8797, 23.7472

Square

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



42.7172, 3.4275, -48.6142



42.7172, 40.4090, 7.2878



42.7172, -7.7057, 24.4469



42.7172, -32.8546, -3.3150

Rectangle

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



42.7165, 3.4268, -48.6153



42.7172, 33.8463, -20.0791



42.7172, -7.7057, 24.4469



42.7172, -29.3509, 16.7768

Sweetspot

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



42.7172, 3.4275, -48.6142



85.5720, -5.7749, -12.9226



66.0470, -43.0447, 18.2442



38.7428, -2.6201, -7.1623

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



42.7172, 3.4275, -48.6142



49.3471, 12.3516, -83.0466



29.1439, 36.4669, -91.3280



33.2000, -2.0544, -0.8610



26.5030, 12.9901, -61.1684



6.8971, 0.5842, -9.8820

Inverse Universe

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



40.7468, 53.3142, 0.6455



49.5119, 80.0280, 5.5133



72.1578, -21.4745, 40.6866



32.7279, 1.7358, 1.1121



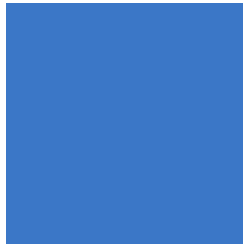
28.7212, 50.7228, 6.6456



6.3643, 11.4544, -0.1929

Previews

White Background



This preview shows how the HunterLab color 42.7165, 3.4268, -48.6153 looks on a white 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

Black Background



This preview shows how the HunterLab color 42.7165, 3.4268, -48.6153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

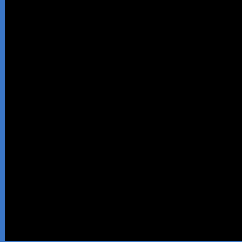
Any Text WCAG AA ✓ Pass

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 42.7165, 3.4268, -48.6153 Background



This preview shows how black text looks on a background with the HunterLab color 42.7165, 3.4268, -48.6153.



This preview shows how white text looks on a background with the HunterLab color 42.7165, 3.4268, -48.6153.

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

42.7165, 3.4268, -48.6153

Protanopia

42.5827, 8.1742, -45.5042

Deuteranopia

42.7526, 3.5475, -48.5276



Tritanopia

42.6095, -20.4252, -9.1660

Trichromacy



Original Color

42.7165, 3.4268, -48.6153

Protanomaly

42.4415, 6.4352, -46.6918

Deuteranomaly

42.7526, 3.5475, -48.5276

Tritanomaly

42.3637, -13.3766, -21.9698

Monochromacy



Original Color

42.7165, 3.4268, -48.6153

Achromatopsia

39.4875, -2.1070, 2.1454

Achromatomaly

39.9842, -2.5532, -13.3541

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.7165, 3.4268, -48.6153 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(59, 119, 199)` looks like.

```
.text, #text, p{  
    color:rgb(59, 119, 199)  
}
```

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(59, 119, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 119, 199) }
```

Border

The CSS property to change the border of an element to HunterLab 42.7165, 3.4268, -48.6153 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(59, 119, 199) }
```


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

```
.border{ border-color:rgb(59, 119, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 119, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 119, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 119, 199);  
box-shadow:4px 4px 4px 4px rgb(59, 119,  
199) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.7165, 3.4268, -48.6153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 119, 199) }
```

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

```
.background{ background-color: rgb(59, 119,  
199) }
```

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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