

Converting Colors

HunterLab(18.2718, 2.9431,
-59.8991)

Have a look what the booklet for
HunterLab(18.2718, 2.9431,
-59.8991) contains.

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Color

**HunterLab(20.7468, 10.8764,
-49.4107)**

Conversions

Conversions Part 1

Format	Color
Hex	003684
RGB	0, 54, 132
RGB Percent	0%, 21%, 52%
CMY	0.9999, 0.7882, 0.4824
CMYK	1.00, 0.59, 0.00, 0.48
HSL	215°, 100%, 26%
HSV	215°, 100%, 52%
XYZ	5.4840, 4.3043, 22.3716
YIQ	46.7460, -57.2220, 12.8100

Conversions

Conversions Part 2

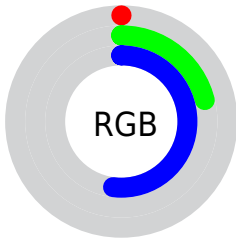
Format	Color
RYB	0, 38, 132
Decimal	13956
CIELab	24.65, 17.98, -47.92
CIELCh	25, 51.187, 290.565
Yxy	4.3044, 0.1705, 0.1338
Android (android.graphics.Color)	4278204036 (0xFF003684)
YUV	46.7460, 42.0302, -40.9962
Hunter-Lab	20.7468, 10.8764, -49.4107




Details

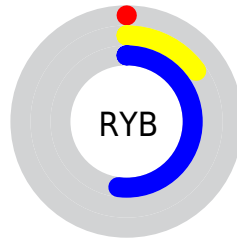
The HunterLab color **20.7468, 10.8764, -49.4107** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **32.1823, 11.5793, 20.0324**, and the grayscale version is **16.6564, -0.8887, 0.9050**.




A 20% lighter version of the original color is **37.7878, 12.1058, -49.3914**, and **9.3911, 14.5309, -43.1062** is the 20% darker color. If you saturate the color by 10%, you get **20.7444, 10.8819, -49.4196**, and if you desaturate by 10%, it is **22.7527, 7.6146, -42.7323**.

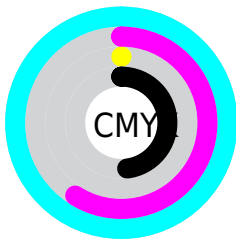
Distribution







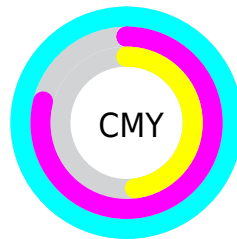
-  Red (0%)
-  Green (21%)
-  Blue (52%)






-  Red (0%)
-  Yellow (15%)
-  Blue (52%)



-  Cyan (100%)
-  Magenta (59%)
-  Yellow (0%)
-  Black (48%)



-  Cyan (100%)
-  Magenta (79%)
-  Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.7468, 10.8764, -49.4107 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 20.7468, 10.8764, -49.4107 by changing the saturation by 10% instead.

■ 20.7468, 10.8764,
-49.4107

■ 20.7468, 10.8764,
-49.4107

■ 119.5345, 13.6676,
-53.9670

■ 13.5840, 10.0221,
-51.2887

■ 37.8089, 12.1471,
-49.2279

■ 7.1774, 10.6080,
-60.5112

■ 47.5348, 12.6059,
-49.7488

0.0000, NaN, -NF

■ 57.9757, 12.9687,
-50.4097

0.0000, NaN, -NF

■ 69.0857, 13.2468,
-51.1304

0.0000, NaN, -NF

■ 80.8267, 13.4492,
-51.8669

0.0000, NaN, NaN

■ 93.1664, 13.5831,

0.0000, NaN, NaN

0.0000, NaN, NaN

-52.5940

0.0000, NaN, NaN

106.0771, 13.6543,
-53.2970

■ 20.7468, 10.8764,
-49.4107

■ 20.7468, 10.8764,
-49.4107

■ 20.7444, 10.8819,
-49.4196

■ 22.7527, 7.6146,
-42.7323

■ 24.9436, 4.7745,
-36.4355

■ 27.3383, 2.4818,
-30.4547

■ 29.9118, 0.6949,
-24.8269

■ 32.6412, -0.6446,
-19.5502

■ 35.5069, -1.5976,
-14.6008

■ 38.4924, -2.2204,
-9.9449

■ 41.5837, -2.5621,
-5.5464

■ 44.7694, -2.6646,
-1.3703

Harmonies

Analogous

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



20.7470, -5.9263, -53.6780



20.7468, 10.8764, -49.4107



20.7470, 28.4955, -27.4925

Triad

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



20.7470, 10.8774, -49.4102



20.7470, 22.3459, 13.9293



20.7470, -23.6111, 5.3865

Complementary

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



20.7468, 10.8764, -49.4107



32.1823, 11.5793, 20.0324

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.



20.7470, -19.9615, 12.5266



20.7468, 10.8764, -49.4107



20.7470, 4.1943, 14.5229

Square

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



20.7470, 10.8774, -49.4102



20.7470, 36.3915, 9.0188



20.7470, -10.8699, 14.5229



20.7470, -22.8101, -12.0487

Rectangle

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



20.7468, 10.8764, -49.4107



20.7470, 36.7297, -11.1987



20.7470, -10.8699, 14.5229



20.7470, -22.9197, 8.7125

Sweetspot

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



20.7470, 10.8774, -49.4102



50.8120, -2.9030, -13.6098



41.2780, -30.7601, 14.8098



23.8209, -1.2745, -7.6272



82.0889, -4.3801, 4.4600



30.7619, -1.6414, 1.6714

Same Dimension

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



20.7470, 10.8774, -49.4102



27.0181, 15.6074, -67.4621



13.1818, 35.2047, -89.4495



21.9869, -1.3000, -0.4990



20.4371, 10.6522, -48.5398



1.6802, -0.2533, -1.5531

Inverse Universe

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



22.7427, 40.1143, 5.6178



30.1360, 53.0710, 8.1381



45.3517, -15.8524, 27.6673



21.7209, 0.9880, 0.8110



22.3799, 39.4826, 5.4971



1.3690, 2.5114, -0.4096

Previews

White Background



This preview shows how the HunterLab color 20.7468, 10.8764, -49.4107 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 ✓ Pass

Black Background



This preview shows how the HunterLab color 20.7468, 10.8764, -49.4107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

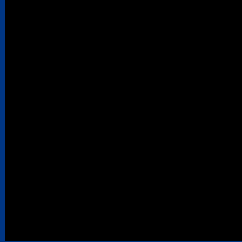
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 20.7468, 10.8764, -49.4107 Background



This preview shows how black text looks on a background with the HunterLab color 20.7468, 10.8764, -49.4107.



This preview shows how white text looks on a background with the HunterLab color 20.7468, 10.8764, -49.4107.

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

20.7468, 10.8764, -49.4107

Protanopia

20.7527, 5.9524, -38.7885

Deuteranopia

20.8254, -0.7242, -24.4666



Tritanopia

20.8294, -10.2823, -3.8384

Trichromacy



Original Color

20.7468, 10.8764, -49.4107

Protanomaly

20.7582, 7.6645, -42.4913

Deuteranomaly

20.5937, 3.4017, -33.0837

Tritanomaly

20.5805, -3.9386, -17.2216

Monochromacy



Original Color

20.7468, 10.8764, -49.4107

Achromatopsia

16.8600, -0.8996, 0.9160

Achromatomaly

17.6275, 0.0487, -13.3803

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.7468, 10.8764, -49.4107 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(0, 54, 132)` looks like.

```
.text, #text, p{  
    color:rgb(0, 54, 132)  
}
```

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(0, 54, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 54, 132) }
```

Border

The CSS property to change the border of an element to HunterLab 20.7468, 10.8764, -49.4107 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(0, 54, 132) }
```


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

```
.border{ border-color:rgb(0, 54, 132) }
```

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

Here you see how a box with a 4 pixel rgb(0, 54, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 54, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 54, 132);  
box-shadow:4px 4px 4px 4px rgb(0, 54, 132)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.7468, 10.8764, -49.4107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 54, 132) }
```

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

```
.background{ background-color: rgb(0, 54,  
132) }
```

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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