

Converting Colors

HunterLab(47.7792, 18.1011,
-36.5391)

Have a look what the booklet for
HunterLab(47.7792, 18.1011,
-36.5391) contains.

HunterLab(47.7792, 18.1011, -36.5391)	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>	31

Color

**HunterLab(47.7792, 18.1011,
-36.5391)**

Conversions

Conversions Part 1

Format	Color
Hex	8978C6
RGB	137, 120, 198
RGB Percent	54%, 47%, 78%
CMY	0.4627, 0.5294, 0.2235
CMYK	0.31, 0.39, 0.00, 0.22
HSL	253°, 41%, 62%
HSV	253°, 39%, 78%
XYZ	27.2260, 22.8285, 56.3975
YIQ	133.9750, -14.9060, 27.8620

Conversions

Conversions Part 2

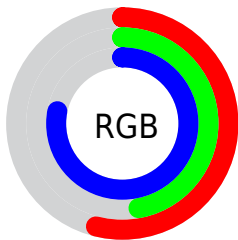
Format	Color
RYB	137, 120, 198
Decimal	9009350
CIELab	54.90, 24.02, -38.38
CIELCh	55, 45.278, 302.032
Yxy	22.8294, 0.2558, 0.2145
Android (android.graphics.Color)	4287199430 (0xFF8978C6)
YUV	133.9750, 31.5643, 2.6529
Hunter-Lab	47.7792, 18.1011, -36.5391

Details

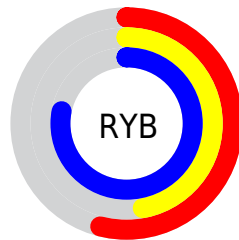
The HunterLab color $47.7792, 18.1011, -36.5391$ is a light color, and the websafe version is hex $6666CC$. A complement of this color would be $71.8112, -19.6781, 29.2335$, and the grayscale version is $48.7003, -2.5985, 2.6460$.

A 20% lighter version of the original color is $69.2326, 19.4635, -38.0195$, and $28.9912, 16.6445, -35.8055$ is the 20% darker color. If you saturate the color by 10%, you get $41.6329, 24.5870, -50.0010$, and if you desaturate by 10%, it is $54.3123, 12.0379, -24.6452$.

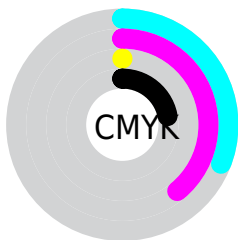
Distribution



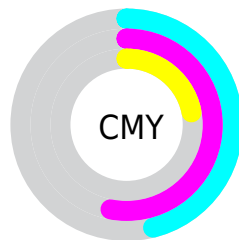
- Red (54%)
- Green (47%)
- Blue (78%)



- Red (54%)
- Yellow (47%)
- Blue (78%)



- Cyan (31%)
- Magenta (39%)
- Yellow (0%)
- Black (22%)



- Cyan (46%)
- Magenta (53%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.7792, 18.1011, -36.5391 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 47.7792, 18.1011, -36.5391 by changing the saturation by 10% instead.

■ 47.7792, 18.1011,
-36.5391

■ 47.7792, 18.1011,
-36.5391

163.3547, 21.0744,
-41.2205

■ 38.0363, 17.3508,
-35.9064

■ 69.3636, 19.2886,
-37.8440

■ 29.0630, 16.4779,
-35.3788

■ 81.1195, 19.7486,
-38.4616

■ 20.9333, 15.4644,
-35.1251

■ 93.4734, 20.1308,
-39.0391

■ 13.7458, 14.2940,
-35.5774

106.3976, 20.4417,
-39.5713

■ 7.3623, 14.4897,
-40.0085

119.8680, 20.6871,
-40.0558

0.0000, INF, -NF

0.0000, NaN, -NF

133.8634, 20.8717,

-40.4920

0.0000, NaN, NaN

148.3646, 20.9996,
-40.8799

0.0000, NaN, NaN

■ 47.7792, 18.1011,
-36.5391

■ 47.7792, 18.1011,
-36.5391

■ 41.6329, 24.5870,
-50.0010

■ 54.3123, 12.0379,
-24.6452

■ 35.9721, 31.5248,
-65.3410

■ 61.1580, 6.3275,
-13.9986

■ 30.9415, 38.7949,
-82.6307

■ 68.2660, 0.8957,
-4.3208

■ 26.7356, 45.9219,
-101.2024

■ 75.5986, -4.3213,
4.6069

■ 23.5824, 51.8286,
-118.8842

■ 83.1276, -9.3747,
12.9528

■ 21.5428, 55.5071,
-132.7936

■ 90.8312, -14.3049,
20.8452

■ 21.4341, 55.7282,
-133.6026

■ 97.5093, -17.3345,
27.2957

■ 98.4161, -14.0835,
28.2106

Harmonies

Analogous

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



47.7801, -1.2677, -45.9002



47.7792, 18.1011, -36.5391



47.7801, 33.6187, -16.4287

Triad

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



47.7801, 18.1007, -36.5378



47.7801, 15.5481, 24.0503



47.7801, -33.4931, 1.3695

Complementary

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



47.7792, 18.1011, -36.5391



71.8112, -19.6781, 29.2335

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.



47.7801, -30.3934, 16.0452



47.7792, 18.1011, -36.5391



47.7801, -3.8228, 25.7401

Square

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



47.7801, 18.1007, -36.5378



47.7801, 31.9925, 17.4431



47.7801, -20.2009, 23.4893



47.7801, -29.4226, -19.3851

Rectangle

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



47.7792, 18.1011, -36.5391



47.7801, 38.6253, -2.3989



47.7801, -20.2009, 23.4893



47.7801, -33.2567, 7.1126

Sweetspot

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



47.7801, 18.1007, -36.5378



88.1743, 3.1745, -9.2278



64.1556, -16.3284, -10.1281



40.2101, 1.9088, -5.0480

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.7801, 18.1007, -36.5378



56.7408, 31.2192, -63.3482



51.7005, 29.6465, -28.8928



32.2445, 0.4210, -2.0372



17.3750, 45.0153, -107.0663



4.1924, 10.1742, -20.5047

Inverse Universe

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



53.6429, 33.7241, -14.6735



66.5433, 55.3628, -23.9961



68.9234, -30.6003, 26.6482



32.8261, 2.2626, -0.2847



30.5883, 57.4465, -19.4832



6.7316, 12.7678, -5.2600

Previews

White Background



This preview shows how the HunterLab color 47.7792, 18.1011, -36.5391 looks on a white background.

Color Contrast Check

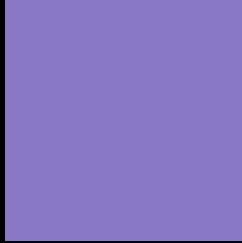
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.7792, 18.1011, -36.5391 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

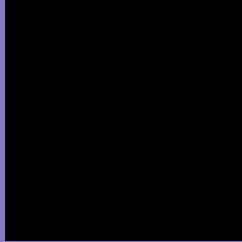
Any Text WCAG AA ✓ Pass

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 47.7792, 18.1011, -36.5391 Background



This preview shows how black text looks on a background with the HunterLab color 47.7792, 18.1011, -36.5391.



This preview shows how white text looks on a background with the HunterLab color 47.7792, 18.1011, -36.5391.

-36.5391.

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

47.7792, 18.1011, -36.5391

Protanopia

48.0003, 7.4219, -42.4189

Deuteranopia

48.0642, 3.8063, -34.7384



Tritanopia

47.8447, -2.6279, -2.2774

Trichromacy



Original Color

47.7792, 18.1011, -36.5391

Protanomaly

47.8313, 10.7509, -40.3736

Deuteranomaly

47.8067, 8.7034, -35.9010

Tritanomaly

47.7418, 4.1157, -12.9604

Monochromacy



Original Color

47.7792, 18.1011, -36.5391

Achromatopsia

48.8260, -2.6052, 2.6528

Achromatomaly

48.2553, 4.0637, -9.3868

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.7792, 18.1011, -36.5391 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(137, 120, 198)` looks like.

```
.text, #text, p{  
    color:rgb(137, 120, 198)  
}
```

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(137, 120, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 120, 198) }
```

Border

The CSS property to change the border of an element to HunterLab 47.7792, 18.1011, -36.5391 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(137, 120, 198) }
```


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

```
.border{ border-color:rgb(137, 120, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 120, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 120, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 120, 198);  
box-shadow:4px 4px 4px 4px rgb(137, 120,  
198) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.7792, 18.1011, -36.5391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 120, 198) }
```

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

```
.background{ background-color: rgb(137,  
120, 198) }
```

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