

Converting Colors

HunterLab(47.8408, 17.9322,
-87.4558)

Have a look what the booklet for
HunterLab(47.8408, 17.9322,
-87.4558) contains.

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Color

**HunterLab(47.7995, 18.1012,
-87.5798)**

Conversions

Conversions Part 1

Format	Color
Hex	3C7DFF
RGB	60, 125, 255
RGB Percent	24%, 49%, 100%
CMY	0.7646, 0.5098, 0.0000
CMYK	0.76, 0.51, 0.00, 0.00
HSL	220°, 100%, 62%
HSV	220°, 76%, 100%
XYZ	27.2471, 22.8479, 97.5818
YIQ	120.3850, -80.4700, 26.6500

Conversions

Conversions Part 2

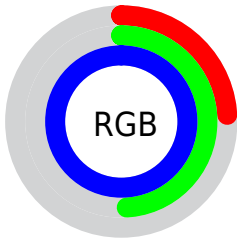
Format	Color
R _Y B	60, 109, 255
Decimal	3964415
CIE Lab	54.92, 24.02, -70.56
CIE LCh	55, 74.533, 288.797
Yxy	22.8485, 0.1845, 0.1547
Android (android.graphics.Color)	4282154495 (0xFF3C7DFF)
YUV	120.3850, 66.3652, -52.9576
Hunter-Lab	47.7995, 18.1012, -87.5798

Details

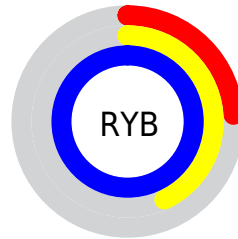
The HunterLab color **47.7995, 18.1012, -87.5798** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle washed azure. A complement of this color would be **76.4330, 7.4692, 43.9106**, and the grayscale version is **43.2627, -2.3084, 2.3505**.

A 20% lighter version of the original color is **66.0688, 1.7563, -44.1588**, and **30.5597, 20.8879, -83.2879** is the 20% darker color. If you saturate the color by 10%, you get **42.7713, 25.6835, -104.3411**, and if you desaturate by 10%, it is **53.4061, 11.8779, -71.9145**.

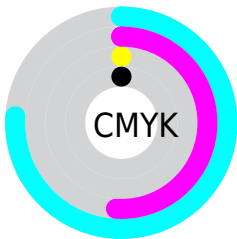
Distribution



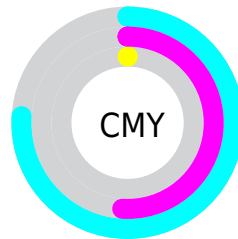
- Red (24%)
- Green (49%)
- Blue (100%)



- Red (24%)
- Yellow (43%)
- Blue (100%)



- Cyan (76%)
- Magenta (51%)
- Yellow (0%)
- Black (0%)



- Cyan (76%)
- Magenta (51%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.7995, 18.1012, -87.5798 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 47.7995, 18.1012, -87.5798 by changing the saturation by 10% instead.

■ 47.7995, 18.1012,
-87.5798

■ 47.7995, 18.1012,
-87.5798

163.3848, 21.0751,
-93.7789

■ 38.0548, 17.3528,
-88.1516

■ 69.3862, 19.2901,
-88.0227

■ 29.0800, 16.4802,
-89.8129

■ 81.1433, 19.7500,
-88.6465

■ 20.9484, 15.4670,
-93.5544

■ 93.4984, 20.1320,
-89.4028

■ 13.7590, 14.2969,
-101.8152

■ 106.4237, 20.4429,
-90.2365

■ 7.3772, 14.4703,
-127.4139

119.8952, 20.6881,
-91.1116

0.0000, INF, -NF

0.0000, NaN, -NF

133.8916, 20.8726,

-92.0039

0.0000, NaN, -NF

148.3938, 21.0005,
-92.8968

0.0000, NaN, -NF

■ 47.7995, 18.1012,
-87.5798

■ 47.7995, 18.1012,
-87.5798

■ 42.7713, 25.6835,
-104.3411

■ 53.4061, 11.8779,
-71.9145

■ 38.4187, 34.5359,
-121.7262

■ 59.4961, 6.9077,
-57.4978

■ 37.0336, 37.8437,
-127.9825

■ 65.9924, 3.0227,
-44.2820

■ 72.8324, 0.0474,
-32.1367

■ 79.9667, -2.1753,
-20.9084

■ 87.3564, -3.7770,
-10.4492

■ 94.9705, -4.8648,
-0.6284

100.0000, -5.3358,
5.4332

Harmonies

Analogous

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



47.8001, -13.5412, -92.4530



47.7995, 18.1012, -87.5798



47.8001, 50.7685, -51.4959

Triad

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



47.8001, 18.1025, -87.5779



47.8001, 43.1368, 28.5641



47.8001, -47.9359, 12.3185

Complementary

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



47.7995, 18.1012, -87.5798



76.4330, 7.4692, 43.9106

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.



47.8001, -39.4985, 26.8461



47.7995, 18.1012, -87.5798



47.8001, 9.5271, 31.4548

Square

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



47.8001, 18.1025, -87.5779



47.8001, 67.5654, 17.4474



47.8001, -20.2051, 31.1256



47.8001, -46.7459, -19.3865

Rectangle

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



47.7995, 18.1012, -87.5798



47.8001, 66.2784, -22.6383



47.8001, -20.2051, 31.1256



47.8001, -46.2395, 18.8427

Sweetspot

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



47.8001, 18.1025, -87.5779



82.4995, -2.7945, -17.2050



87.2921, -56.8178, 19.7042



36.9464, -0.9934, -9.7474

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.8001, 18.1025, -87.5779



40.2724, 30.4450, -113.9350



35.7145, 58.1097, -134.0349



42.8565, -2.1203, -1.6440



27.2216, 26.1338, -90.4398



9.5539, 5.5334, -23.8866

Inverse Universe

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



50.9648, 73.8787, 10.1261



47.6104, 80.6323, 16.1771



93.5176, -36.0488, 54.2823



42.5287, 2.2109, 1.9138



33.8763, 59.0981, 13.4875



10.6616, 18.7747, 2.8859

Previews

White Background



This preview shows how the HunterLab color 47.7995, 18.1012, -87.5798 looks on a white background.

Color Contrast Check

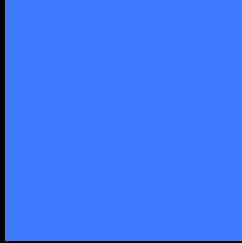
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.7995, 18.1012, -87.5798 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

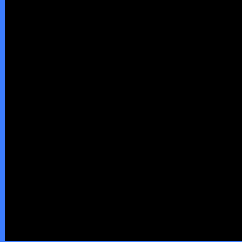
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

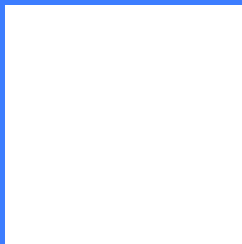
Any Text WCAG AAA × Fail

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

HunterLab 47.7995, 18.1012, -87.5798 Background



This preview shows how black text looks on a background with the HunterLab color 47.7995, 18.1012, -87.5798.



This preview shows how white text looks on a background with the HunterLab color 47.7995, 18.1012, -87.5798.

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

47.7995, 18.1012, -87.5798

Protanopia

47.7970, 16.7253, -87.6116

Deuteranopia

47.5408, 2.9847, -65.8649



Tritanopia

47.5577, -23.0158, -9.7586

Trichromacy



Original Color

47.7995, 18.1012, -87.5798

Protanomaly

47.8811, 16.9837, -87.3491

Deuteranomaly

47.3573, 7.7432, -73.8933

Tritanomaly

47.0203, -10.8279, -33.3680

Monochromacy



Original Color

47.7995, 18.1012, -87.5798

Achromatopsia

43.3383, -2.3124, 2.3547

Achromatomaly

44.0231, 0.6393, -23.4154

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.7995, 18.1012, -87.5798 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(60, 125, 255)` looks like.

```
.text, #text, p{  
    color:rgb(60, 125, 255)  
}
```

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(60, 125, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 125, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 47.7995, 18.1012, -87.5798 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(60, 125, 255) }
```


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

```
.border{ border-color:rgb(60, 125, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 125, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 125, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 125, 255);  
box-shadow:4px 4px 4px 4px rgb(60, 125,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.7995, 18.1012, -87.5798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 125, 255) }
```

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

```
.background{ background-color: rgb(60, 125,  
255) }
```

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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