

Converting Colors

HunterLab(59.7798, -42.5706,
17.1782)

Have a look what the booklet for
HunterLab(59.7798, -42.5706,
17.1782) contains.

HunterLab(59.7798, -42.5706, 17.1782)	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(59.7798,
-42.5706, 17.1782)**

Conversions

Conversions Part 1

Format	Color
Hex	00B87C
RGB	0, 184, 124
RGB Percent	0%, 72%, 49%
CMY	0.9999, 0.2784, 0.5137
CMYK	1.00, 0.00, 0.33, 0.28
HSL	160°, 100%, 36%
HSV	160°, 100%, 72%
XYZ	20.7786, 35.7362, 24.8714
YIQ	122.1440, -90.4040, -57.6680

Conversions

Conversions Part 2

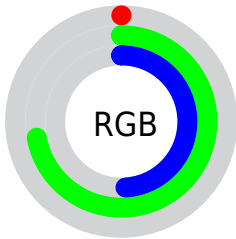
Format	Color
RYB	0, 110, 184
Decimal	47228
CIELab	66.32, -53.61, 19.67
CIELCh	66, 57.108, 159.853
Yxy	35.7377, 0.2553, 0.4391
Android (android.graphics.Color)	4278237308 (0xFF00B87C)
YUV	122.1440, 0.9150, -107.1203
Hunter-Lab	59.7798, -42.5706, 17.1782

Details

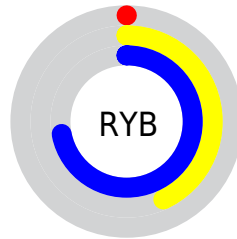
The HunterLab color **59.7798, -42.5706, 17.1782** is a dark color, and the websafe version is hex **00CC99**. A complement of this color would be **32.4307, 56.5423, 13.1536**, and the grayscale version is **44.1960, -2.3582, 2.4013**.

A 20% lighter version of the original color is **82.8080, -49.6048, 20.3758**, and **40.5873, -30.3353, 14.7546** is the 20% darker color. If you saturate the color by 10%, you get **59.7808, -42.5721, 17.1802**, and if you desaturate by 10%, it is **60.0222, -41.3146, 15.3998**.

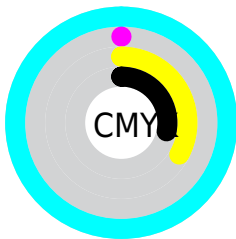
Distribution



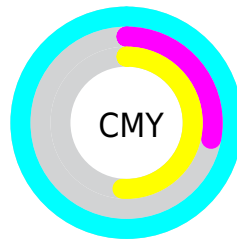
- Red (0%)
- Green (72%)
- Blue (49%)



- Red (0%)
- Yellow (43%)
- Blue (72%)



- Cyan (100%)
- Magenta (0%)
- Yellow (33%)
- Black (28%)



- Cyan (100%)
- Magenta (28%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 59.7798, -42.5706, 17.1782 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 59.7798, -42.5706, 17.1782 by changing the saturation by 10% instead.

■ 59.7798, -42.5706,
17.1782

■ 59.7798, -42.5706,
17.1782

181.0559,
-71.5024, 31.5676

■ 49.2257, -38.7347,
15.4712

■ 82.8414, -49.7028,
20.4778

■ 39.3771, -34.6523,
13.7046

■ 95.2780, -53.0643,
22.0898

■ 30.2902, -30.2470,
11.8541

■ 108.2814,
-56.3204, 23.6859

■ 22.0351, -25.4014,
9.8814

■ 121.8278,
-59.4879, 25.2710

■ 14.7062, -20.7795,
7.9080

■ 135.8962,
-62.5800, 26.8491

■ 8.3639, -14.6369,
5.8547

■ 150.4680,

0.0000, NaN, NaN

-65.6075, 28.4230

0.0000, NaN, NaN

165.5263,
-68.5792, 29.9952

0.0000, NaN, NaN

■ 59.7798, -42.5706,
17.1782

■ 59.7798, -42.5706,
17.1782

■ 59.7808, -42.5721,
17.1802

■ 60.0222, -41.3146,
15.3998

■ 60.3737, -39.5989,
13.6332

■ 60.8718, -37.2878,
11.9285

■ 61.5315, -34.3398,
10.3161

■ 62.3633, -30.7392,
8.8224

■ 63.3738, -26.4919,
7.4698

■ 64.5667, -21.6213,
6.2763

■ 65.9427, -16.1647,
5.2552

■ 67.5002, -10.1692,
4.4153

Harmonies

Analogous

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



59.7810, -31.4493, 29.1077



59.7798, -42.5706, 17.1782



59.7810, -44.1956, -5.2788

Triad

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



59.7810, -42.5711, 17.1787



59.7810, 5.4196, -63.2443



59.7810, 39.2389, 26.0709

Complementary

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



59.7798, -42.5706, 17.1782



32.4307, 56.5423, 13.1536

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.



59.7810, 53.1118, 10.6892



59.7798, -42.5706, 17.1782



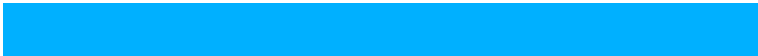
59.7810, 31.5366, -44.6940

Square

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



59.7810, -42.5711, 17.1787



59.7810, -19.1428, -59.0816



59.7810, 50.0787, -15.1182



59.7810, 14.6270, 32.5483

Rectangle

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



59.7798, -42.5706, 17.1782



59.7810, -40.0134, -24.8892



59.7810, 50.0787, -15.1182



59.7810, 45.4853, 22.1085

Sweetspot

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



59.7810, -42.5711, 17.1787



86.8425, -29.4648, 8.5268



59.4015, -46.5967, 35.7867



39.9980, -14.9924, 4.2607



96.5975, -5.1542, 5.2483



43.2801, -2.3093, 2.3515

Same Dimension

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



59.7810, -42.5711, 17.1787



80.4585, -57.4925, 23.5437



51.3365, -19.9536, -21.0909



31.8739, -4.6007, 2.0587



49.6412, -35.2586, 14.0661



9.3785, -6.2650, 1.8020

Inverse Universe

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



32.4307, 56.5423, 13.1536



43.6180, 75.9638, 18.3661



33.3978, 49.7815, 21.4503



30.0985, 1.4265, 1.3890



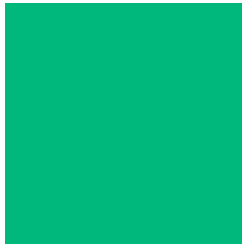
26.9439, 47.0204, 10.6031



5.1733, 9.2469, 0.3391

Previews

White Background



This preview shows how the HunterLab color 59.7798, -42.5706, 17.1782 looks on a white 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

Black Background



This preview shows how the HunterLab color 59.7798, -42.5706, 17.1782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

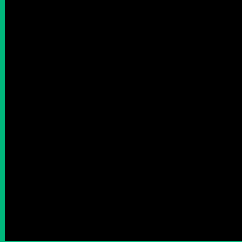
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

HunterLab 59.7798, -42.5706, 17.1782 Background



This preview shows how black text looks on a background with the HunterLab color 59.7798, -42.5706, 17.1782.



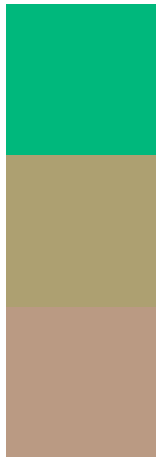
This preview shows how white text looks on a background with the HunterLab color 59.7798,

-42.5706, 17.1782.

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

59.7798, -42.5706, 17.1782

Protanopia

59.3448, -5.2413, 20.8679

Deuteranopia

59.3203, 4.2218, 15.1651



Tritanopia

59.8541, -24.6131, -11.8052

Trichromacy



Original Color

59.7798, -42.5706, 17.1782



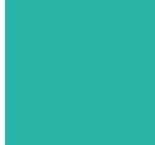
Protanomaly

57.4241, -26.4201, 17.5455



Deuteranomaly

56.8510, -21.5514, 13.3558



Tritanomaly

59.5353, -32.5949, 0.1870

Monochromacy



Original Color

59.7798, -42.5706, 17.1782



Achromatopsia

44.1155, -2.3539, 2.3969



Achromatomaly

48.2707, -22.1920, 6.3390

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 59.7798, -42.5706, 17.1782 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, 184, 124)` looks like.

```
.text, #text, p{  
    color:rgb(0, 184, 124)  
}
```

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, 184, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 184, 124) }
```

Border

The CSS property to change the border of an element to HunterLab 59.7798, -42.5706, 17.1782 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, 184, 124) }
```


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

```
.border{ border-color:rgb(0, 184, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 184, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 184, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 184, 124);  
box-shadow:4px 4px 4px 4px rgb(0, 184,  
124) }
```

Background

The CSS property to change the background color of an element to HunterLab 59.7798, -42.5706, 17.1782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 184, 124) }
```

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

```
.background{ background-color: rgb(0, 184,  
124) }
```

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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