

Converting Colors

HunterLab(58.0616, -42.2474,
6.9788)

Have a look what the booklet for
HunterLab(58.0616, -42.2474,
6.9788) contains.

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Color

**HunterLab(58.9484,
-37.7904, 7.8984)**

Conversions

Conversions Part 1

Format	Color
Hex	00B493
RGB	0, 180, 147
RGB Percent	0%, 71%, 58%
CMY	0.9999, 0.2941, 0.4235
CMYK	1.00, 0.00, 0.18, 0.29
HSL	169°, 100%, 35%
HSV	169°, 100%, 71%
XYZ	21.5878, 34.7491, 33.1732
YIQ	122.4180, -96.6870, -48.4230

Conversions

Conversions Part 2

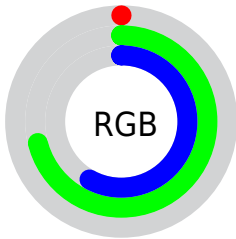
Format	Color
RYB	0, 99, 180
Decimal	46227
CIELab	65.55, -46.46, 6.03
CIELCh	66, 46.845, 172.602
Yxy	34.7505, 0.2412, 0.3882
Android (android.graphics.Color)	4278236307 (0xFF00B493)
YUV	122.4180, 12.1189, -107.3606
Hunter-Lab	58.9484, -37.7904, 7.8984

Details

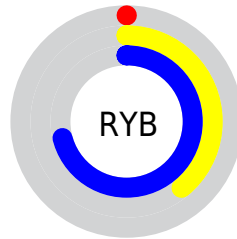
The HunterLab color **58.9484, -37.7904, 7.8984** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **31.3275, 53.9959, 17.5224**, and the grayscale version is **44.2632, -2.3618, 2.4049**.

A 20% lighter version of the original color is **82.0196, -44.1845, 9.8217**, and **39.7067, -26.4554, 7.4797** is the 20% darker color. If you saturate the color by 10%, you get **58.9493, -37.7920, 7.9006**, and if you desaturate by 10%, it is **59.1475, -36.8096, 6.7503**.

Distribution



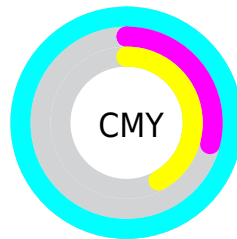
- Red (0%)
- Green (71%)
- Blue (58%)



- Red (0%)
- Yellow (39%)
- Blue (71%)



- Cyan (100%)
- Magenta (0%)
- Yellow (18%)
- Black (29%)





- Cyan (100%)
- Magenta (29%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 58.9484, -37.7904, 7.8984 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 58.9484, -37.7904, 7.8984 by changing the saturation by 10% instead.


 58.9484, -37.7904,
7.8984


 58.9484, -37.7904,
7.8984


179.8515,
-63.5779, 16.7488


 48.4466, -34.4151,
7.0037


 81.9140, -44.0925,
9.7376


 38.6542, -30.8330,
6.1215


 94.3062, -47.0753,
10.6833


 29.6282, -26.9769,
5.2482


 107.2671,
-49.9723, 11.6473

 21.4403, -22.7425,
4.3768

 120.7727,
-52.7977, 12.6300

 14.1871, -18.5041,
3.4932

 134.8019,
-55.5627, 13.6315

 7.8413, -13.7222,
3.6153

 149.3358,

0.0000, NaN, NaN

-58.2764, 14.6519

0.0000, NaN, NaN

164.3574,
-60.9460, 15.6910

0.0000, NaN, NaN

■ 58.9484, -37.7904,
7.8984

■ 58.9484, -37.7904,
7.8984

■ 58.9493, -37.7920,
7.9006

■ 59.1475, -36.8096,
6.7503

■ 59.4467, -35.4203,
5.6922

■ 59.8830, -33.4879,
4.7737

■ 60.4712, -30.9685,
4.0200

■ 61.2218, -27.8419,
3.4503

■ 62.1420, -24.1076,
3.0783

■ 63.2358, -19.7816,
2.9129

■ 64.5045, -14.8936,
2.9577

■ 65.9474, -9.4830,
3.2121

Harmonies

Analogous

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



58.9495, -31.6693, 21.9506



58.9484, -37.7904, 7.8984



58.9495, -35.7067, -13.3614

Triad

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



58.9495, -37.7907, 7.8990



58.9495, 13.0192, -43.8132



58.9495, 23.1541, 26.1339

Complementary

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



58.9484, -37.7904, 7.8984



31.3275, 53.9959, 17.5224

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.



58.9495, 38.4922, 16.0353



58.9484, -37.7904, 7.8984



58.9495, 32.0981, -24.8816

Square

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



58.9495, -37.7907, 7.8990



58.9495, -8.2089, -48.3448



58.9495, 41.9738, -1.9016



58.9495, 2.0884, 29.8386

Rectangle

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



58.9484, -37.7904, 7.8984



58.9495, -29.7872, -28.7807



58.9495, 41.9738, -1.9016



58.9495, 29.2639, 23.5857

Sweetspot

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



58.9495, -37.7907, 7.8990



85.0655, -26.9629, 3.9270



57.4623, -47.5945, 34.5741



39.2524, -13.6944, 1.8556



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



58.9495, -37.7907, 7.8990



79.3569, -51.0107, 10.9282



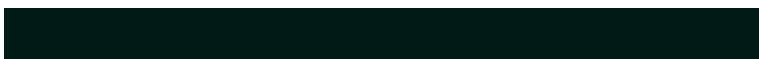
42.6845, -9.0393, -33.8367



30.9908, -4.2708, 1.5186



49.2562, -31.5157, 6.4673



8.7768, -5.3503, 0.5794

Inverse Universe

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



31.3275, 53.9959, 17.5224



42.1529, 72.6022, 24.0285



35.1336, 40.8558, 22.3632



29.2060, 1.1935, 1.8278



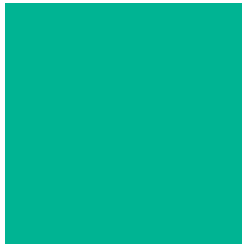
26.1847, 45.1633, 14.4302



4.7258, 8.3099, 1.3730

Previews

White Background



This preview shows how the HunterLab color 58.9484, -37.7904, 7.8984 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 58.9484, -37.7904, 7.8984 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

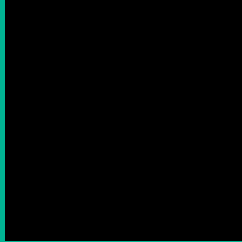
Any Text WCAG AA ✓ Pass

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 58.9484, -37.7904, 7.8984 Background



This preview shows how black text looks on a background with the HunterLab color 58.9484, -37.7904, 7.8984.



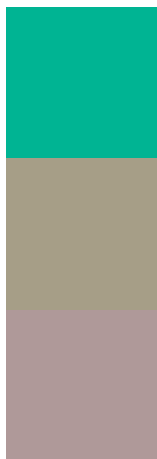
This preview shows how white text looks on a background with the HunterLab color 58.9484, -37.7904, 7.8984.

-37.7904, 7.8984.

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

58.9484, -37.7904, 7.8984

Protanopia

58.5747, -3.9961, 12.8219

Deuteranopia

58.4776, 3.9510, 5.5472



Tritanopia

58.8726, -25.1619, -12.0778

Trichromacy



Original Color

58.9484, -37.7904, 7.8984



Protanomaly

56.7456, -23.0543, 9.0415



Deuteranomaly

56.3988, -18.8186, 3.6442



Tritanomaly

58.6582, -30.4468, -4.3491

Monochromacy



Original Color

58.9484, -37.7904, 7.8984



Achromatopsia

44.1155, -2.3539, 2.3969



Achromatomaly

47.8574, -20.1155, 2.5350

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 58.9484, -37.7904, 7.8984 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, 180, 147)` looks like.

```
.text, #text, p{  
    color:rgb(0, 180, 147)  
}
```

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, 180, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 180, 147) }
```

Border

The CSS property to change the border of an element to HunterLab 58.9484, -37.7904, 7.8984 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, 180, 147) }
```


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

```
.border{ border-color:rgb(0, 180, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 180, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 180, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 180, 147);  
box-shadow:4px 4px 4px 4px rgb(0, 180,  
147) }
```

Background

The CSS property to change the background color of an element to HunterLab 58.9484, -37.7904, 7.8984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 180, 147) }
```

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

```
.background{ background-color: rgb(0, 180,  
147) }
```

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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