

Converting Colors

HunterLab(37.4983, -12.9931,
-18.6235)

Have a look what the booklet for
HunterLab(37.4983, -12.9931,
-18.6235) contains.

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Color

**HunterLab(37.4982,
-12.8957, -18.8389)**

Conversions

Conversions Part 1

Format	Color
Hex	027290
RGB	2, 114, 144
RGB Percent	1%, 45%, 56%
CMY	0.9921, 0.5529, 0.4353
CMYK	0.99, 0.21, 0.00, 0.44
HSL	193°, 97%, 29%
HSV	193°, 99%, 56%
XYZ	11.0764, 14.0612, 28.5159
YIQ	83.9320, -76.3820, -14.4140

Conversions

Conversions Part 2

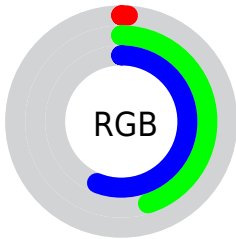
Format	Color
RYB	2, 65, 144
Decimal	160400
CIELab	44.32, -15.78, -23.96
CIELCh	44, 28.686, 236.634
Yxy	14.0616, 0.2064, 0.2621
Android (android.graphics.Color)	4278350480 (0xFF027290)
YUV	83.9320, 29.6135, -71.8544
Hunter-Lab	37.4982, -12.8957, -18.8389

Details

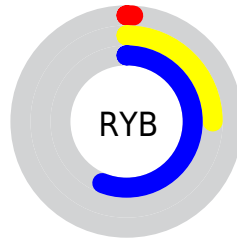
The HunterLab color **37.4982, -12.8957, -18.8389** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **26.3968, 35.1538, 16.7507**, and the grayscale version is **29.6684, -1.5830, 1.6119**.

A 20% lighter version of the original color is **57.6493, -15.7831, -19.6996**, and **21.6489, -5.5313, -15.1188** is the 20% darker color. If you saturate the color by 10%, you get **37.3530, -12.7849, -19.0890**, and if you desaturate by 10%, it is **38.5492, -13.6484, -17.0675**.

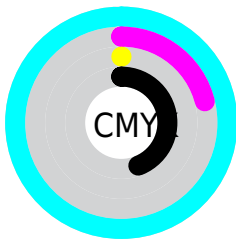
Distribution



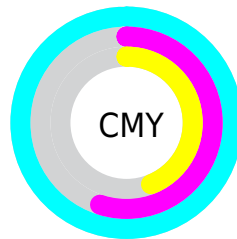
- Red (1%)
- Green (45%)
- Blue (56%)



- Red (1%)
- Yellow (25%)
- Blue (56%)



- Cyan (99%)
- Magenta (21%)
- Yellow (0%)
- Black (44%)



- Cyan (99%)
- Magenta (55%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.4982, -12.8957, -18.8389 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 37.4982, -12.8957, -18.8389 by changing the saturation by 10% instead.

37.4982, -12.8957,
-18.8389

37.4982, -12.8957,
-18.8389

147.5174,
-25.7196, -20.8963

28.5719, -11.3530,
-18.3327

57.6180, -15.8415,
-19.7009

20.4934, -9.7296,
-17.8175

68.7065, -17.2745,
-20.0424

13.3639, -7.9733,
-17.3997

80.4270, -18.6926,
-20.3233

6.9165, -10.3089,
-19.1134

92.7473, -20.1017,
-20.5455

0.0000, NaN, -NF

0.0000, NaN, NaN

105.6395,
-21.5061, -20.7113

0.0000, NaN, NaN

119.0791,

0.0000, NaN, NaN

-22.9090, -20.8233

0.0000, NaN, NaN

133.0448,
-24.3128, -20.8842

■ 37.4982, -12.8957,
-18.8389

■ 37.4982, -12.8957,
-18.8389

■ 37.3530, -12.7849,
-19.0890

■ 38.5492, -13.6484,
-17.0675

■ 39.6938, -14.0589,
-15.1991

■ 40.9568, -14.0362,
-13.2051

■ 42.3418, -13.5707,
-11.0941

■ 43.8491, -12.6687,
-8.8795

■ 45.4768, -11.3475,
-6.5765

■ 47.2212, -9.6322,
-4.2007

■ 49.0778, -7.5517,
-1.7670

■ 51.0414, -5.1370,
0.7116

Harmonies

Analogous

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



37.4988, -19.0304, -8.0949



37.4982, -12.8957, -18.8389



37.4988, -3.2311, -23.9669

Triad

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



37.4988, -12.8954, -18.8382



37.4988, 21.4183, 0.8460



37.4988, -10.9835, 15.8949

Complementary

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



37.4982, -12.8957, -18.8389



26.3968, 35.1538, 16.7507

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.



37.4988, -0.7586, 17.0372



37.4982, -12.8957, -18.8389



37.4988, 18.7373, 9.9565

Square

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



37.4988, -12.8954, -18.8382



37.4988, 17.2540, -10.7313



37.4988, 10.2952, 15.2129



37.4988, -18.0187, 11.4712

Rectangle

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



37.4982, -12.8957, -18.8389



37.4988, 4.2175, -22.6709



37.4988, 10.2952, 15.2129



37.4988, -7.8424, 16.6087

Sweetspot

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



37.4988, -12.8954, -18.8382



62.2328, -13.2924, -6.2226



44.7836, -37.5627, 25.2744



29.3796, -6.7878, -3.5525



85.4018, -4.5568, 4.6400



33.5864, -1.7921, 1.8248

Same Dimension

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



37.4988, -12.8954, -18.8382



49.3583, -16.6369, -25.7792



19.6830, 19.8145, -67.0052



24.3425, -2.5260, 0.2714



34.9061, -11.9982, -17.7289



3.8437, -1.7389, -1.0505

Inverse Universe

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



26.8108, 50.0251, -17.8095



35.4384, 66.6173, -23.0539



39.1412, 5.4092, 24.1254



23.4345, 1.4779, -0.1483



24.9326, 46.9211, -16.6273



2.5018, 4.8128, -2.4804

Previews

White Background



This preview shows how the HunterLab color 37.4982, -12.8957, -18.8389 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 × Fail

Black Background



This preview shows how the HunterLab color 37.4982, -12.8957, -18.8389 looks on a black 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

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

HunterLab 37.4982, -12.8957, -18.8389 Background



This preview shows how black text looks on a background with the HunterLab color 37.4982, -12.8957, -18.8389.



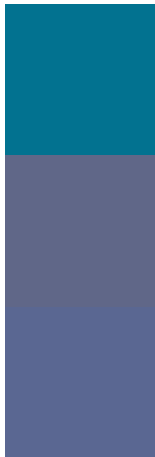
This preview shows how white text looks on a background with the HunterLab color 37.4982, -12.8957, -18.8389.

-12.8957, -18.8389.

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

37.4982, -12.8957, -18.8389

Protanopia

37.3696, 2.0396, -13.8929

Deuteranopia

37.3490, 2.7674, -20.1068

Trichromacy



Original Color

37.4982, -12.8957, -18.8389

Protanomaly

36.6109, -6.0276, -17.1032

Deuteranomaly

36.6869, -5.2640, -20.7783

Monochromacy



Original Color

37.4982, -12.8957, -18.8389

Achromatopsia

29.7751, -1.5887, 1.6177

Achromatomaly

31.6375, -9.0159, -6.2168

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.4982, -12.8957, -18.8389 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(2, 114, 144)` looks like.

```
.text, #text, p{  
    color:rgb(2, 114, 144)  
}
```

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(2, 114, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 114, 144) }
```

Border

The CSS property to change the border of an element to HunterLab 37.4982, -12.8957, -18.8389 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(2, 114, 144) }
```

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

```
.border{ border-color:rgb(2, 114, 144) }
```

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

Here you see how a box with a 4 pixel rgb(2, 114, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 114, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 114, 144);  
box-shadow:4px 4px 4px 4px rgb(2, 114,  
144) }
```


Background

The CSS property to change the background color of an element to HunterLab 37.4982, -12.8957, -18.8389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 114, 144) }
```

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

```
.background{ background-color: rgb(2, 114,  
144) }
```

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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