

Converting Colors

HunterLab(37.3209, -13.0902,
-18.3899)

Have a look what the booklet for
HunterLab(37.3209, -13.0902,
-18.3899) contains.

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Color

**HunterLab(37.4403,
-13.1952, -18.3124)**

Conversions

Conversions Part 1

Format	Color
Hex	00728F
RGB	0, 114, 143
RGB Percent	0%, 45%, 56%
CMY	0.9999, 0.5529, 0.4392
CMYK	1.00, 0.20, 0.00, 0.44
HSL	192°, 100%, 28%
HSV	192°, 100%, 56%
XYZ	10.9752, 14.0178, 28.1138
YIQ	83.2200, -77.2530, -15.1490

Conversions

Conversions Part 2

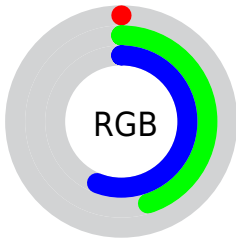
Format	Color
RYB	0, 63, 143
Decimal	29327
CIELab	44.26, -16.25, -23.46
CIELCh	44, 28.542, 235.284
Yxy	14.0182, 0.2067, 0.2640
Android (android.graphics.Color)	4278219407 (0xFF00728F)
YUV	83.2200, 29.4715, -72.9839
Hunter-Lab	37.4403, -13.1952, -18.3124

Details

The HunterLab color **37.4403, -13.1952, -18.3124** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **25.9220, 35.6700, 16.5960**, and the grayscale version is **29.4100, -1.5692, 1.5979**.

A 20% lighter version of the original color is **57.5697, -16.1580, -19.2106**, and **21.6489, -5.5313, -15.1188** is the 20% darker color. If you saturate the color by 10%, you get **37.4394, -13.1939, -18.3143**, and if you desaturate by 10%, it is **38.4432, -13.9069, -16.6337**.

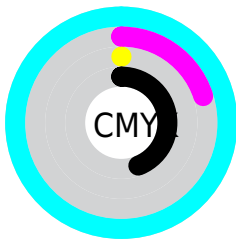
Distribution



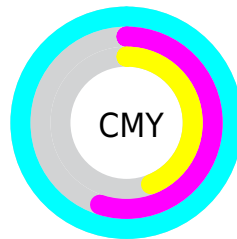
- Red (0%)
- Green (45%)
- Blue (56%)



- Red (0%)
- Yellow (25%)
- Blue (56%)



- Cyan (100%)
- Magenta (20%)
- Yellow (0%)
- Black (44%)



- Cyan (100%)
- Magenta (55%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.4403, -13.1952, -18.3124 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 37.4403, -13.1952, -18.3124 by changing the saturation by 10% instead.

37.4403, -13.1952,
-18.3124

37.4403, -13.1952,
-18.3124

147.4260,
-26.2378, -20.2435

28.5190, -11.6180,
-17.8154

57.5512, -16.2008,
-19.1491

20.4460, -9.9554,
-17.3039

68.6356, -17.6604,
-19.4765

13.3228, -8.1531,
-16.8777

80.3524, -19.1035,
-19.7429

6.8666, -10.6819,
-18.5885

92.6690, -20.5361,
-19.9505

0.0000, NaN, -NF

0.0000, NaN, NaN

105.5577,
-21.9629, -20.1017

0.0000, NaN, NaN

118.9940,

0.0000, NaN, NaN

-23.3871, -20.1992

0.0000, NaN, NaN

132.9565,
-24.8114, -20.2457

■ 37.4403, -13.1952,
-18.3124

■ 37.4403, -13.1952,
-18.3124

■ 37.4394, -13.1939,
-18.3143

■ 38.4432, -13.9069,
-16.6337

■ 39.5276, -14.3207,
-14.8733

■ 40.7275, -14.3098,
-12.9853

■ 42.0475, -13.8609,
-10.9765

■ 43.4885, -12.9776,
-8.8588

■ 45.0493, -11.6750,
-6.6468

■ 46.7266, -9.9762,
-4.3558

■ 48.5164, -7.9092,
-2.0004

■ 50.4136, -5.5042,
0.4059

Harmonies

Analogous

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



37.4409, -19.1153, -7.5071



37.4403, -13.1952, -18.3124



37.4409, -3.7061, -23.7461

Triad

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



37.4409, -13.1950, -18.3117



37.4409, 21.2388, 0.3628



37.4409, -10.5303, 15.9462

Complementary

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



37.4403, -13.1952, -18.3124



25.9220, 35.6700, 16.5960

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.



37.4409, -0.2623, 16.9514



37.4403, -13.1952, -18.3124



37.4409, 18.8784, 9.5867

Square

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



37.4409, -13.1950, -18.3117



37.4409, 16.8145, -11.1744



37.4409, 10.6881, 14.9929



37.4409, -17.7046, 11.7005

Rectangle

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



37.4403, -13.1952, -18.3124



37.4409, 3.6815, -22.7196



37.4409, 10.6881, 14.9929



37.4409, -7.3613, 16.6113

Sweetspot

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



37.4409, -13.1950, -18.3117



62.3801, -13.5134, -6.0309



44.4208, -37.3922, 25.1987



29.4591, -6.9057, -3.4474



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.



37.4409, -13.1950, -18.3117



49.8552, -17.3191, -24.9277



19.2482, 20.2791, -67.8312



24.3580, -2.5510, 0.2899



35.2471, -12.4641, -17.1494



3.8620, -1.7620, -1.0236

Inverse Universe

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



26.5614, 50.0566, -18.2930



35.5085, 66.8659, -24.0043



38.6970, 5.6015, 23.9420



23.4362, 1.4866, -0.1714



24.9810, 47.0925, -17.2819



2.5046, 4.8228, -2.5178

Previews

White Background



This preview shows how the HunterLab color 37.4403, -13.1952, -18.3124 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 37.4403, -13.1952, -18.3124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

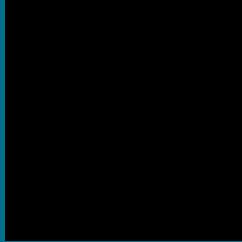
Any Text WCAG AA × Fail

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 37.4403, -13.1952, -18.3124 Background



This preview shows how black text looks on a background with the HunterLab color 37.4403, -13.1952, -18.3124.



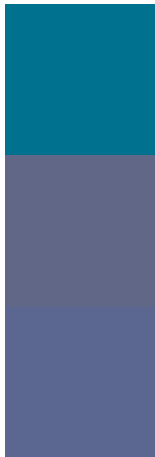
This preview shows how white text looks on a background with the HunterLab color 37.4403, -13.1952, -18.3124.

-13.1952, -18.3124.

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

37.4403, -13.1952, -18.3124

Protanopia

37.3317, 1.8361, -13.3683

Deuteranopia

37.3751, 2.7719, -19.4164



Tritanopia

37.3784, -17.9102, -8.0569

Trichromacy



Original Color

37.4403, -13.1952, -18.3124

Protanomaly

36.5273, -6.4077, -16.6329

Deuteranomaly

36.6450, -5.4974, -20.2065

Tritanomaly

37.3194, -16.0649, -11.9665

Monochromacy



Original Color

37.4403, -13.1952, -18.3124

Achromatopsia

29.4110, -1.5693, 1.5980

Achromatomaly

31.2765, -8.9585, -6.2193

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.4403, -13.1952, -18.3124 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, 114, 143)` looks like.

```
.text, #text, p{  
    color:rgb(0, 114, 143)  
}
```

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, 114, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 114, 143) }
```

Border

The CSS property to change the border of an element to HunterLab 37.4403, -13.1952, -18.3124 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, 114, 143) }
```


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

```
.border{ border-color:rgb(0, 114, 143) }
```

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

Here you see how a box with a 4 pixel rgb(0, 114, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 114, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 114, 143);  
box-shadow:4px 4px 4px 4px rgb(0, 114,  
143) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.4403, -13.1952, -18.3124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 114, 143) }
```

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

```
.background{ background-color: rgb(0, 114,  
143) }
```

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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