

Converting Colors

HunterLab(37.6863, -16.2627,
4.0541)

Have a look what the booklet for
HunterLab(37.6863, -16.2627,
4.0541) contains.

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Color

**HunterLab(37.7777,
-16.2842, 4.0712)**

Conversions

Conversions Part 1

Format	Color
Hex	407364
RGB	64, 115, 100
RGB Percent	25%, 45%, 39%
CMY	0.7490, 0.5490, 0.6078
CMYK	0.44, 0.00, 0.13, 0.55
HSL	162°, 28%, 35%
HSV	162°, 44%, 45%
XYZ	10.5453, 14.2715, 14.2555
YIQ	98.0410, -25.5810, -15.4770

Conversions

Conversions Part 2

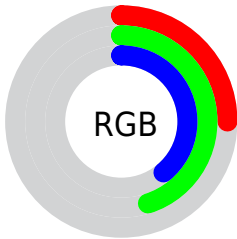
Format	Color
RYB	64, 94, 115
Decimal	4223844
CIELab	44.62, -21.04, 2.96
CIELCh	45, 21.243, 171.985
Yxy	14.2721, 0.2699, 0.3653
Android (android.graphics.Color)	4282413924 (0xFF407364)
YUV	98.0410, 0.9658, -29.8540
Hunter-Lab	37.7777, -16.2842, 4.0712

Details

The HunterLab color $[37.7777, -16.2842, 4.0712]$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $[28.0651, 16.4941, 1.9541]$, and the grayscale version is $[34.9678, -1.8658, 1.8999]$.

A 20% lighter version of the original color is $[57.8936, -19.6852, 5.3447]$, and $[20.8555, -12.5204, 3.0565]$ is the 20% darker color. If you saturate the color by 10%, you get $[37.2309, -18.5858, 4.7544]$, and if you desaturate by 10%, it is $[38.4254, -13.6392, 3.4831]$.

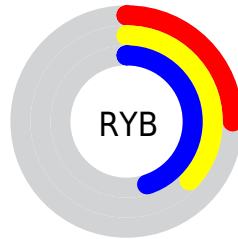
Distribution



Red (25%)

Green (45%)

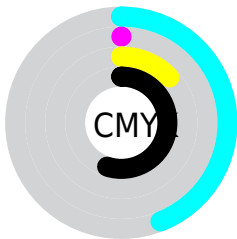
Blue (39%)



Red (25%)

Yellow (37%)

Blue (45%)

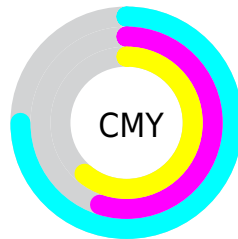


Cyan (44%)

Magenta (0%)

Yellow (13%)

Black (55%)



Cyan (75%)

Magenta (55%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.7777, -16.2842, 4.0712 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 37.7777, -16.2842, 4.0712 by changing the saturation by 10% instead.

■ 37.7777, -16.2842,
4.0712

■ 37.7777, -16.2842,
4.0712

147.9585,
-31.5206, 11.2850

■ 28.8274, -14.3651,
3.4003

■ 57.9406, -19.8873,
5.4945

■ 20.7221, -12.3167,
2.7545

■ 69.0485, -21.6132,
6.2459

■ 13.5624, -10.0657,
2.1308

■ 80.7874, -23.3064,
7.0235

■ 7.1522, -12.5163,
2.1060

■ 93.1253, -24.9756,
7.8268

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 106.0341,
-26.6272, 8.6551

0.0000, NaN, NaN

119.4898,

0.0000, NaN, NaN

-28.2661, 9.5080

0.0000, NaN, NaN

133.4710,
-29.8963, 10.3848

■ 37.7777, -16.2842,
4.0712

■ 37.7777, -16.2842,
4.0712

■ 37.2309, -18.5858,
4.7544

■ 38.4254, -13.6392,
3.4831

■ 36.7803, -20.5333,
5.5222

■ 39.1726, -10.6666,
2.9952

■ 36.4228, -22.1267,
6.3638

■ 40.0196, -7.3895,
2.6123

■ 36.1525, -23.3767,
7.2656

■ 40.9651, -3.8344,
2.3363

■ 35.9580, -24.3202,
8.2084

■ 42.0067, -0.0300,
2.1671

■ 35.8590, -24.8083,
8.7335

■ 43.1417, 3.9945,
2.1031

■ 44.3664, 8.2102,
2.1409

■ 45.6773, 12.5899,
2.2765

■ 47.0702, 17.1084,
2.5046

Harmonies

Analogous

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



37.7785, -13.5616, 10.1162



37.7777, -16.2842, 4.0712



37.7785, -15.4480, -3.9449

Triad

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



37.7785, -16.2846, 4.0717



37.7785, 4.0142, -14.4949



37.7785, 8.0998, 11.9963

Complementary

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



37.7777, -16.2842, 4.0712



28.0651, 16.4941, 1.9541

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.



37.7785, 13.5980, 7.2105



37.7777, -16.2842, 4.0712



37.7785, 11.1037, -8.2962

Square

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



37.7785, -16.2846, 4.0717



37.7785, -4.1729, -15.8313



37.7785, 14.7414, -0.0764



37.7785, 0.1867, 14.0169

Rectangle

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



37.7777, -16.2842, 4.0712



37.7785, -12.9496, -9.3047



37.7785, 14.7414, -0.0764



37.7785, 10.3184, 10.7127

Sweetspot

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



37.7785, -16.2846, 4.0717



53.6733, -9.4259, 3.4520



37.8251, -17.5588, 15.3969



26.1084, -5.0130, 1.7253



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



37.7785, -16.2846, 4.0717



49.8172, -24.8834, 6.3665



35.2005, -9.6717, -5.7996



20.3416, -2.7823, 1.2317



38.3351, -26.5555, 9.4101



84.5336, -59.1835, 22.1006

Inverse Universe

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



28.0651, 16.4941, 1.9541



34.3625, 27.7763, 3.3213



29.8993, 10.1122, 8.9819



19.2794, 0.7417, 0.9658



20.7225, 36.1027, 8.6252



45.5997, 79.1604, 21.1738

Previews

White Background



This preview shows how the HunterLab color 37.7777, -16.2842, 4.0712 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 37.7777, -16.2842, 4.0712 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 37.7777, -16.2842, 4.0712 Background



This preview shows how black text looks on a background with the HunterLab color 37.7777, -16.2842, 4.0712.



This preview shows how white text looks on a background with the HunterLab color 37.7777,

-16.2842, 4.0712.

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

37.7777, -16.2842, 4.0712

Protanopia

37.6571, -2.2692, 6.1185

Deuteranopia

37.6763, 2.2993, 3.0629



Tritanopia

37.7769, -10.4895, -5.2963

Trichromacy



Original Color

37.7777, -16.2842, 4.0712

Protanomaly

37.5866, -8.1208, 5.1790

Deuteranomaly

37.4381, -5.5094, 3.0652

Tritanomaly

37.7246, -12.6938, -1.5301

Monochromacy



Original Color

37.7777, -16.2842, 4.0712

Achromatopsia

34.9484, -1.8648, 1.8988

Achromatomaly

35.7490, -7.4354, 2.3205

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.7777, -16.2842, 4.0712 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(64, 115, 100)` looks like.

```
.text, #text, p{  
    color:rgb(64, 115, 100)  
}
```

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(64, 115, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 115, 100) }
```

Border

The CSS property to change the border of an element to HunterLab 37.7777, -16.2842, 4.0712 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(64, 115, 100) }
```


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

```
.border{ border-color:rgb(64, 115, 100) }
```

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

Here you see how a box with a 4 pixel rgb(64, 115, 100) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 115, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 115, 100);  
box-shadow:4px 4px 4px 4px rgb(64, 115,  
100) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.7777, -16.2842, 4.0712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 115, 100) }
```

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

```
.background{ background-color: rgb(64, 115,  
100) }
```

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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