

Converting Colors

HunterLab(37.8364, -16.2048,
19.9916)

Have a look what the booklet for
HunterLab(37.8364, -16.2048,
19.9916) contains.

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Color

**HunterLab(37.8877,
-16.3639, 20.0560)**

Conversions

Conversions Part 1

Format	Color
Hex	5A7227
RGB	90, 114, 39
RGB Percent	35%, 45%, 15%
CMY	0.6471, 0.5529, 0.8470
CMYK	0.21, 0.00, 0.66, 0.55
HSL	79°, 49%, 30%
HSV	79°, 66%, 45%
XYZ	10.6000, 14.3548, 4.1315
YIQ	98.2740, 9.7710, -28.4130

Conversions

Conversions Part 2

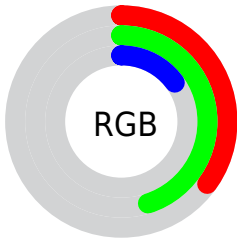
Format	Color
RYB	39, 114, 63
Decimal	5927463
CIELab	44.74, -21.13, 37.51
CIELCh	45, 43.054, 119.390
Yxy	14.3554, 0.3644, 0.4935
Android (android.graphics.Color)	4284117543 (0xFF5A7227)
YUV	98.2740, -29.2221, -7.2563
Hunter-Lab	37.8877, -16.3639, 20.0560

Details

The HunterLab color $37.8877, -16.3639, 20.0560$ is a dark color, and the websafe version is hex 666600 . A complement of this color would be $19.2954, 20.0113, -36.6797$, and the grayscale version is $35.1551, -1.8758, 1.9100$.

A 20% lighter version of the original color is $58.0756, -20.0197, 26.0099$, and $20.8994, -12.1241, 12.6659$ is the 20% darker color. If you saturate the color by 10%, you get $37.5664, -17.7850, 21.1421$, and if you desaturate by 10%, it is $38.2494, -14.7521, 18.5624$.

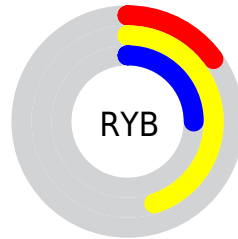
Distribution



Red (35%)

Green (45%)

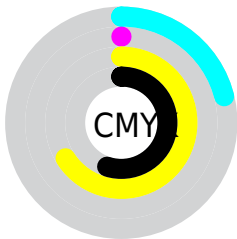
Blue (15%)



Red (15%)

Yellow (45%)

Blue (25%)

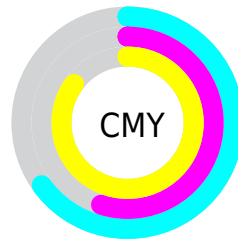


Cyan (21%)

Magenta (0%)

Yellow (66%)

Black (55%)



Cyan (65%)

Magenta (55%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.8877, -16.3639, 20.0560 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 37.8877, -16.3639, 20.0560 by changing the saturation by 10% instead.

37.8877, -16.3639,
20.0560

37.8877, -16.3639,
20.0560

148.1320,
-31.6413, 43.7829

28.9280, -14.4398,
16.7695

58.0675, -19.9779,
26.0332

20.8122, -12.3855,
13.5449

69.1830, -21.7086,
28.8056

13.6406, -10.1285,
9.5484

80.9293, -23.4065,
31.4720

7.2427, -12.6747,
5.0699

93.2739, -25.0801,
34.0527

0.0000, NaN, NaN

0.0000, NaN, NaN

106.1894,
-26.7360, 36.5630

0.0000, NaN, NaN

119.6514,

0.0000, NaN, NaN

-28.3790, 39.0154

0.0000, NaN, NaN

133.6386,
-30.0131, 41.4194

■ 37.8877, -16.3639,
20.0560

■ 37.8877, -16.3639,
20.0560

■ 37.5664, -17.7850,
21.1421

■ 38.2494, -14.7521,
18.5624

■ 37.2811, -19.0201,
21.8472

■ 38.6505, -12.9429,
16.6420

■ 37.0275, -20.0960,
22.2436

■ 39.0929, -10.9366,
14.2838

■ 36.9251, -20.5313,
22.3937

■ 39.5772, -8.7350,
11.4827

■ 40.1039, -6.3420,
8.2389

■ 40.6730, -3.7634,
4.5569

■ 41.2844, -1.0063,
0.4454

■ 41.9377, 1.9211,
-4.0839

■ 42.6325, 5.0100,
-9.0167

Harmonies

Analogous

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



37.8885, -1.6855, 21.5267



37.8877, -16.3639, 20.0560



37.8885, -25.6371, 14.4323

Triad

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



37.8885, -16.3649, 20.0563



37.8885, -16.8574, -34.1727



37.8885, 35.1885, 1.7399

Complementary

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



37.8877, -16.3639, 20.0560



19.2954, 20.0113, -36.6797

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.



37.8885, 29.3160, -16.7391



37.8877, -16.3639, 20.0560



37.8885, -2.3606, -42.2050

Square

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



37.8885, -16.3649, 20.0563



37.8885, -25.8854, -15.9308



37.8885, 14.8297, -34.7632



37.8885, 29.7566, 14.0813

Rectangle

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



37.8877, -16.3639, 20.0560



37.8885, -28.4279, 7.2071



37.8885, 14.8297, -34.7632



37.8885, 34.4576, -3.9233

Sweetspot

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



37.8885, -16.3649, 20.0563



52.8246, -9.9375, 13.0269



26.9291, 12.9939, 12.5945



25.3319, -5.1035, 6.7025



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

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



37.8885, -16.3649, 20.0563



49.5936, -24.4644, 28.5764



35.9610, -24.0208, 18.5735



19.6604, -2.2373, 2.8072



38.9462, -21.7083, 23.6185



86.6495, -49.5490, 52.5256

Inverse Universe

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



19.2954, 20.0113, -36.6797



20.8885, 33.8975, -65.9409



23.2162, 28.9269, -25.8458



18.2962, 0.2632, -0.8872



13.3090, 32.9535, -70.1695



28.9935, 72.8879, -161.3840

Previews

White Background



This preview shows how the HunterLab color 37.8877, -16.3639, 20.0560 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 37.8877, -16.3639, 20.0560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

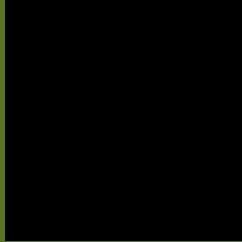
Any Text WCAG AA × Fail

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 37.8877, -16.3639, 20.0560 Background



This preview shows how black text looks on a background with the HunterLab color 37.8877, -16.3639, 20.0560.



This preview shows how white text looks on a background with the HunterLab color 37.8877, -16.3639, 20.0560.

-16.3639, 20.0560.

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

37.8877, -16.3639, 20.0560

Protanopia

37.8063, -4.9752, 20.4641

Deuteranopia

37.5687, 2.4516, 19.5856



Tritanopia

37.9550, -2.9421, -2.0007

Trichromacy



Original Color

37.8877, -16.3639, 20.0560

Protanomaly

37.7695, -9.3709, 20.2308

Deuteranomaly

37.3943, -4.9510, 19.4824

Tritanomaly

37.8507, -9.0817, 9.0404

Monochromacy



Original Color

37.8877, -16.3639, 20.0560

Achromatopsia

34.9484, -1.8648, 1.8988

Achromatomaly

35.8739, -8.0001, 10.3611

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.8877, -16.3639, 20.0560 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(90, 114, 39)` looks like.

```
.text, #text, p{  
    color:rgb(90, 114, 39)  
}
```

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(90, 114, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 114, 39) }
```

Border

The CSS property to change the border of an element to HunterLab 37.8877, -16.3639, 20.0560 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(90, 114, 39) }
```


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

```
.border{ border-color:rgb(90, 114, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 114, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 114, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 114, 39);  
box-shadow:4px 4px 4px 4px rgb(90, 114,  
39) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.8877, -16.3639, 20.0560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 114, 39) }
```

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

```
.background{ background-color: rgb(90, 114,  
39) }
```

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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