

Converting Colors

HunterLab(36.1211, -19.8426,
16.1008)

Have a look what the booklet for
HunterLab(36.1211, -19.8426,
16.1008) contains.

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Color

**HunterLab(36.1220,
-19.8522, 16.1822)**

Conversions

Conversions Part 1

Format	Color
Hex	437036
RGB	67, 112, 54
RGB Percent	26%, 44%, 21%
CMY	0.7373, 0.5608, 0.7882
CMYK	0.40, 0.00, 0.52, 0.56
HSL	107°, 35%, 33%
HSV	107°, 52%, 44%
XYZ	8.7748, 13.0480, 5.5461
YIQ	91.9330, -8.2020, -27.5780

Conversions

Conversions Part 2

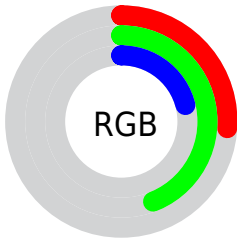
Format	Color
RYB	54, 112, 99
Decimal	4419638
CIELab	42.84, -27.62, 27.30
CIELCh	43, 38.839, 135.333
Yxy	13.0485, 0.3206, 0.4767
Android (android.graphics.Color)	4282609718 (0xFF437036)
YUV	91.9330, -18.7010, -21.8662
Hunter-Lab	36.1220, -19.8522, 16.1822

Details

The HunterLab color $36.1220, -19.8522, 16.1822$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $25.4190, 21.4563, -19.7186$, and the grayscale version is $32.7595, -1.7480, 1.7799$.

A 20% lighter version of the original color is $56.0016, -24.2304, 20.7752$, and $19.5025, -14.8321, 11.0593$ is the 20% darker color. If you saturate the color by 10%, you get $35.5959, -22.2268, 17.7699$, and if you desaturate by 10%, it is $36.7379, -17.1111, 14.2176$.

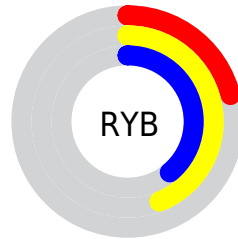
Distribution



Red (26%)

Green (44%)

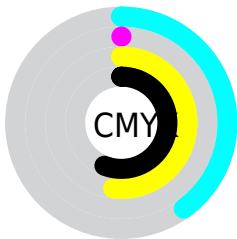
Blue (21%)



Red (21%)

Yellow (44%)

Blue (39%)

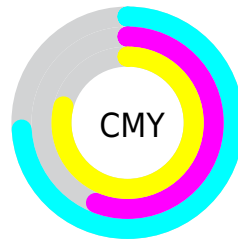


Cyan (40%)

Magenta (0%)

Yellow (52%)

Black (56%)



Cyan (74%)

Magenta (56%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.1220, -19.8522, 16.1822 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 36.1220, -19.8522, 16.1822 by changing the saturation by 10% instead.

■ 36.1220, -19.8522,
16.1822

■ 36.1220, -19.8522,
16.1822

145.3370,
-38.2613, 34.7858

■ 27.3166, -17.4142,
13.6803

■ 56.0276, -24.3398,
20.7608

■ 19.3718, -14.7674,
10.9776

■ 67.0191, -26.4540,
22.9059

■ 12.3943, -11.9492,
8.6760

■ 78.6480, -28.5091,
24.9844

■ 5.6035, -9.8062,
3.9225

■ 90.8811, -30.5181,
27.0110

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 103.6900,
-32.4911, 28.9968

0.0000, NaN, NaN

■ 117.0497,

0.0000, NaN, NaN

-34.4355, 30.9503

0.0000, NaN, NaN

130.9386,
-36.3574, 32.8782

■ 36.1220, -19.8522,
16.1822

■ 36.1220, -19.8522,
16.1822

■ 35.5959, -22.2268,
17.7699

■ 36.7379, -17.1111,
14.2176

■ 35.1561, -24.2224,
18.9820

■ 37.4416, -14.0189,
11.8821

■ 34.8006, -25.8378,
19.8319

■ 38.2332, -10.5994,
9.1898

■ 34.5253, -27.0825,
20.3465

■ 39.1111, -6.8792,
6.1599

■ 34.3465, -27.8961,
20.6758

■ 40.0734, -2.8870,
2.8154

■ 41.1172, 1.3477,
-0.8185

■ 42.2398, 5.7958,
-4.7155

■ 43.4378, 10.4296,
-8.8495

■ 44.7078, 15.2230,
-13.1952

Harmonies

Analogous

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



36.1228, -9.0775, 19.4338



36.1220, -19.8522, 16.1822



36.1228, -25.3325, 8.1120

Triad

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



36.1228, -19.8529, 16.1825



36.1228, -8.7858, -34.7287



36.1228, 29.4336, 8.3562

Complementary

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



36.1220, -19.8522, 16.1822



25.4190, 21.4563, -19.7186

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.



36.1228, 29.5453, -5.4944



36.1220, -19.8522, 16.1822



36.1228, 5.8218, -34.5774

Square

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



36.1228, -19.8529, 16.1825



36.1228, -19.6688, -22.7415



36.1228, 20.3565, -22.3858



36.1228, 20.0721, 16.2996

Rectangle

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



36.1220, -19.8522, 16.1822



36.1228, -25.9069, -0.6130



36.1228, 20.3565, -22.3858



36.1228, 30.5981, 4.3683

Sweetspot

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



36.1228, -19.8529, 16.1825



51.2845, -11.4496, 10.0789



35.4043, -2.6665, 15.9244



25.0488, -5.9860, 5.2443



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.



36.1228, -19.8529, 16.1825



47.0630, -29.9837, 23.8846



35.7893, -20.7129, 12.2365



19.4832, -2.8672, 2.6027



36.9161, -30.0467, 22.2215



82.1951, -67.9042, 49.4595

Inverse Universe

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



25.4190, 21.4563, -19.7186



30.3006, 35.3094, -33.4050



26.3397, 22.6071, -8.5758



18.4868, 0.9101, -0.6329



19.1809, 39.8986, -42.2615



42.3468, 88.4289, -95.9581

Previews

White Background



This preview shows how the HunterLab color 36.1220, -19.8522, 16.1822 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 36.1220, -19.8522, 16.1822 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

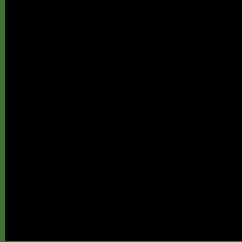
Any Text WCAG AA × Fail

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 36.1220, -19.8522, 16.1822 Background



This preview shows how black text looks on a background with the HunterLab color 36.1220, -19.8522, 16.1822.



This preview shows how white text looks on a background with the HunterLab color 36.1220, -19.8522, 16.1822.

-19.8522, 16.1822.

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

36.1220, -19.8522, 16.1822

Protanopia

35.9404, -4.3653, 17.0918

Deuteranopia

35.8918, 2.4139, 15.5460



Tritanopia

35.9691, -7.2124, -4.2035

Trichromacy



Original Color

36.1220, -19.8522, 16.1822

Protanomaly

35.7422, -10.7680, 16.6403

Deuteranomaly

35.6114, -6.7650, 15.3804

Tritanomaly

35.9912, -12.8021, 5.2738

Monochromacy



Original Color

36.1220, -19.8522, 16.1822

Achromatopsia

32.7144, -1.7456, 1.7774

Achromatomaly

33.6344, -8.9512, 7.8630

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.1220, -19.8522, 16.1822 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(67, 112, 54)` looks like.

```
.text, #text, p{  
    color:rgb(67, 112, 54)  
}
```

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(67, 112, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 112, 54) }
```

Border

The CSS property to change the border of an element to HunterLab 36.1220, -19.8522, 16.1822 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(67, 112, 54) }
```


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

```
.border{ border-color:rgb(67, 112, 54) }
```

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

Here you see how a box with a 4 pixel rgb(67, 112, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 112, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 112, 54);  
box-shadow:4px 4px 4px 4px rgb(67, 112,  
54) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.1220, -19.8522, 16.1822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 112, 54) }
```

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

```
.background{ background-color: rgb(67, 112,  
54) }
```

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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