

Converting Colors

HunterLab(36.3177, -18.9837,
4.2387)

Have a look what the booklet for
HunterLab(36.3177, -18.9837,
4.2387) contains.

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Color

**HunterLab(36.3241,
-19.0804, 4.3771)**

Conversions

Conversions Part 1

Format	Color
Hex	2D715F
RGB	45, 113, 95
RGB Percent	18%, 44%, 37%
CMY	0.8235, 0.5569, 0.6274
CMYK	0.60, 0.00, 0.16, 0.56
HSL	164°, 43%, 31%
HSV	164°, 60%, 44%
XYZ	9.0529, 13.1944, 12.8962
YIQ	90.6160, -34.7500, -20.0140

Conversions

Conversions Part 2

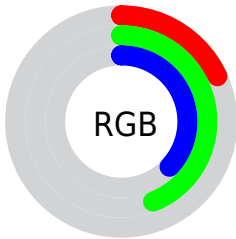
Format	Color
RYB	45, 84, 113
Decimal	2978143
CIELab	43.06, -26.20, 3.60
CIElCh	43, 26.450, 172.178
Yxy	13.1949, 0.2576, 0.3754
Android (android.graphics.Color)	4281168223 (0xFF2D715F)
YUV	90.6160, 2.1613, -40.0052
Hunter-Lab	36.3241, -19.0804, 4.3771

Details

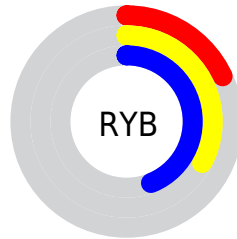
The HunterLab color $[36.3241, -19.0804, 4.3771]$ is a dark color, and the websafe version is hex 006666 . A complement of this color would be $[23.9723, 22.4281, 3.5323]$, and the grayscale version is $[32.2048, -1.7184, 1.7498]$.

A 20% lighter version of the original color is $[56.1705, -23.2923, 5.9285]$, and $[19.7194, -12.8948, 3.1886]$ is the 20% darker color. If you saturate the color by 10%, you get $[35.9425, -20.7484, 5.0783]$, and if you desaturate by 10%, it is $[36.7994, -17.0691, 3.7622]$.

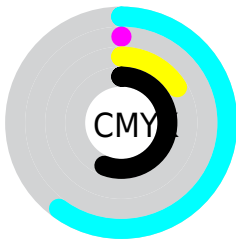
Distribution



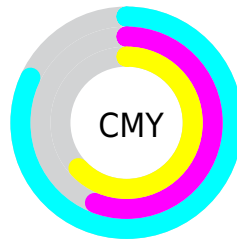
- Red (18%)
- Green (44%)
- Blue (37%)



- Red (18%)
- Yellow (33%)
- Blue (44%)



- Cyan (60%)
- Magenta (0%)
- Yellow (16%)
- Black (56%)



- Cyan (82%)
- Magenta (56%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.3241, -19.0804, 4.3771 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 36.3241, -19.0804, 4.3771 by changing the saturation by 10% instead.

36.3241, -19.0804,
4.3771

36.3241, -19.0804,
4.3771

145.6582,
-36.8005, 11.8248

27.5007, -16.7544,
3.6686

56.2615, -23.3759,
5.8648

19.5360, -14.2370,
2.9798

67.2673, -25.4058,
6.6447

12.5359, -11.4856,
2.3046

78.9098, -27.3823,
7.4490

5.8160, -10.1780,
2.8822

91.1558, -29.3175,
8.2774

0.0000, NaN, NaN

0.0000, NaN, NaN

103.9770,
-31.2207, 9.1296

0.0000, NaN, NaN

117.3486,

0.0000, NaN, NaN

-33.0988, 10.0052

0.0000, NaN, NaN

131.2488,
-34.9573, 10.9037

■ 36.3241, -19.0804,
4.3771

■ 36.3241, -19.0804,
4.3771

■ 35.9425, -20.7484,
5.0783

■ 36.7994, -17.0691,
3.7622

■ 35.6476, -22.0785,
5.8531

■ 37.3694, -14.7172,
3.2417

■ 35.4329, -23.0887,
6.6879

■ 38.0366, -12.0369,
2.8228

■ 35.2656, -23.9042,
7.5234

■ 38.8013, -9.0468,
2.5099

■ 39.6629, -5.7699,
2.3052

■ 40.6196, -2.2327,
2.2086

■ 41.6691, 1.5371,
2.2186

■ 42.8083, 5.5112,
2.3319

■ 44.0338, 9.6624,
2.5443

Harmonies

Analogous

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



36.3248, -15.9041, 11.4934



36.3241, -19.0804, 4.3771



36.3248, -18.0733, -5.6200

Triad

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



36.3248, -19.0807, 4.3775



36.3248, 5.6001, -19.3433



36.3248, 10.6070, 13.6536

Complementary

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



36.3241, -19.0804, 4.3771



23.9723, 22.4281, 3.5323

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.



36.3248, 17.6166, 8.2215



36.3241, -19.0804, 4.3771



36.3248, 14.5150, -11.1092

Square

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



36.3248, -19.0807, 4.3775



36.3248, -4.5179, -21.1872



36.3248, 19.1190, -0.5989



36.3248, 0.7116, 15.8227

Rectangle

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



36.3241, -19.0804, 4.3771



36.3248, -15.1088, -12.5581



36.3248, 19.1190, -0.5989



36.3248, 13.4211, 12.2321

Sweetspot

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



36.3248, -19.0807, 4.3775



52.1078, -11.3889, 3.3020



36.1406, -21.5723, 17.8188



24.9371, -5.9449, 1.6255



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.



36.3248, -19.0807, 4.3775



47.9348, -28.4837, 7.1737



32.1321, -9.8437, -9.2010



19.4957, -2.6297, 1.1216



37.5546, -25.4858, 8.0765



83.7305, -57.4214, 19.3004

Inverse Universe

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



23.9723, 22.4281, 3.5323



28.8761, 36.5955, 6.6717



26.5025, 13.8723, 11.0191



18.4788, 0.6733, 0.9839



20.2118, 35.1219, 9.1176



44.9723, 77.8774, 22.3857

Previews

White Background



This preview shows how the HunterLab color 36.3241, -19.0804, 4.3771 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 36.3241, -19.0804, 4.3771 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 36.3241, -19.0804, 4.3771 Background



This preview shows how black text looks on a background with the HunterLab color 36.3241, -19.0804, 4.3771.



This preview shows how white text looks on a background with the HunterLab color 36.3241,

-19.0804, 4.3771.

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

36.3241, -19.0804, 4.3771

Protanopia

36.1840, -2.1477, 6.7723

Deuteranopia

36.1413, 2.2153, 3.3524



Tritanopia

36.4253, -12.6473, -6.1844

Trichromacy



Original Color

36.3241, -19.0804, 4.3771

Protanomaly

35.6978, -9.4875, 5.3920

Deuteranomaly

35.5503, -6.8188, 2.9253

Tritanomaly

36.3297, -15.1111, -1.9533

Monochromacy



Original Color

36.3241, -19.0804, 4.3771

Achromatopsia

32.3445, -1.7258, 1.7573

Achromatomaly

33.3950, -9.1718, 2.4408

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.3241, -19.0804, 4.3771 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(45, 113, 95)` looks like.

```
.text, #text, p{  
    color:rgb(45, 113, 95)  
}
```

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(45, 113, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 113, 95) }
```

Border

The CSS property to change the border of an element to HunterLab 36.3241, -19.0804, 4.3771 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(45, 113, 95) }
```


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

```
.border{ border-color:rgb(45, 113, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 113, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 113, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 113, 95);  
box-shadow:4px 4px 4px 4px rgb(45, 113,  
95) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.3241, -19.0804, 4.3771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 113, 95) }
```

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

```
.background{ background-color: rgb(45, 113,  
95) }
```

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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