

Converting Colors

HunterLab(36.8456, -12.5851,
13.0682)

Have a look what the booklet for
HunterLab(36.8456, -12.5851,
13.0682) contains.

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Color

**HunterLab(36.7469,
-12.3605, 13.0778)**

Conversions

Conversions Part 1

Format	Color
Hex	596D46
RGB	89, 109, 70
RGB Percent	35%, 43%, 27%
CMY	0.6510, 0.5725, 0.7255
CMYK	0.18, 0.00, 0.36, 0.57
HSL	91°, 22%, 35%
HSV	91°, 36%, 43%
XYZ	10.6940, 13.5033, 7.8372
YIQ	98.5740, 0.5990, -16.3690

Conversions

Conversions Part 2

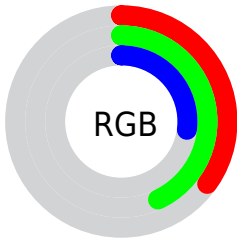
Format	Color
RYB	70, 109, 90
Decimal	5860678
CIELab	43.51, -15.14, 19.41
CIElCh	44, 24.617, 127.946
Yxy	13.5039, 0.3338, 0.4215
Android (android.graphics.Color)	4284050758 (0xFF596D46)
YUV	98.5740, -14.0870, -8.3964
Hunter-Lab	36.7469, -12.3605, 13.0778

Details

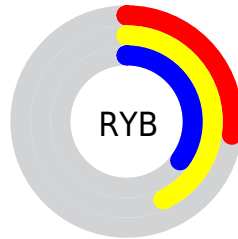
The HunterLab color $[36.7469, -12.3605, 13.0778]$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $[27.6741, 10.7017, -13.7585]$, and the grayscale version is $[35.2150, -1.8790, 1.9133]$.

A 20% lighter version of the original color is $[56.9184, -15.2789, 16.6255]$, and $[19.7593, -9.1937, 9.0822]$ is the 20% darker color. If you saturate the color by 10%, you get $[36.2110, -14.7426, 15.2576]$, and if you desaturate by 10%, it is $[37.3383, -9.7562, 10.5063]$.

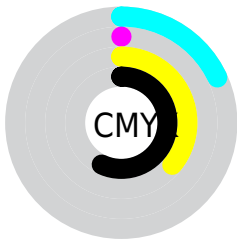
Distribution



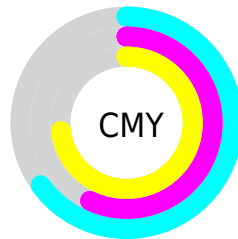
- Red (35%)
- Green (43%)
- Blue (27%)



- Red (27%)
- Yellow (43%)
- Blue (35%)



- Cyan (18%)
- Magenta (0%)
- Yellow (36%)
- Black (57%)



- Cyan (65%)
- Magenta (57%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.7469, -12.3605, 13.0778 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 36.7469, -12.3605, 13.0778 by changing the saturation by 10% instead.

36.7469, -12.3605,
13.0778

36.7469, -12.3605,
13.0778

146.3293,
-24.9019, 27.7399

27.8863, -10.8595,
11.2182

56.7505, -15.2335,
16.5528

19.8803, -9.2795,
9.2241

67.7863, -16.6325,
18.2130

12.8331, -7.5697,
7.7281

79.4570, -18.0183,
19.8406

6.2362, -10.9102,
4.3654

91.7300, -19.3965,
21.4447

0.0000, NaN, NaN

0.0000, NaN, NaN

104.5768,
-20.7712, 23.0320

0.0000, NaN, NaN

117.9730,

0.0000, NaN, NaN

-22.1455, 24.6078

0.0000, NaN, NaN

131.8970,
-23.5218, 26.1761

■ 36.7469, -12.3605,
13.0778

■ 36.7469, -12.3605,
13.0778

■ 36.2110, -14.7426,
15.2576

■ 37.3383, -9.7562,
10.5063

■ 35.7282, -16.8917,
17.0433

■ 37.9826, -6.9377,
7.5487

■ 35.2985, -18.8032,
18.4400

■ 38.6799, -3.9183,
4.2164

■ 34.9211, -20.4755,
19.4604

■ 39.4294, -0.7114,
0.5234

■ 34.5940, -21.9116,
20.1261

■ 40.2299, 2.6688,
-3.5133

■ 34.3120, -23.1366,
20.5096

■ 41.0802, 6.2081,
-7.8754

■ 34.2015, -23.6201,
20.6613

■ 41.9787, 9.8920,
-12.5432

■ 42.9241, 13.7069,
-17.4968

■ 43.9146, 17.6394,
-22.7161

Harmonies

Analogous

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



36.7477, -4.4112, 15.2109



36.7469, -12.3605, 13.0778



36.7477, -17.1626, 7.8512

Triad

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



36.7477, -12.3614, 13.0782



36.7477, -8.4623, -17.6043



36.7477, 17.5569, 4.2832

Complementary

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



36.7469, -12.3605, 13.0778



27.6741, 10.7017, -13.7585

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.



36.7477, 16.1964, -5.0056



36.7469, -12.3605, 13.0778



36.7477, 0.5516, -19.2464

Square

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



36.7477, -12.3614, 13.0782



36.7477, -15.0729, -10.1241



36.7477, 9.7385, -14.1724



36.7477, 13.2898, 11.0268

Rectangle

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



36.7469, -12.3605, 13.0778



36.7477, -18.2349, 2.6070



36.7477, 9.7385, -14.1724



36.7477, 17.7499, 1.3830

Sweetspot

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



36.7477, -12.3614, 13.0782



51.2341, -7.5076, 8.1666



33.0488, 1.7219, 9.9990



24.6723, -3.8073, 4.1435



75.5302, -4.0301, 4.1037



25.2436, -1.3469, 1.3715

Same Dimension

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



36.7477, -12.3614, 13.0782



48.5639, -19.2420, 19.9887



35.6121, -16.7071, 12.0042



18.7360, -2.3848, 2.5875



36.9684, -25.6243, 22.3311



83.1406, -59.1147, 50.1959

Inverse Universe

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



27.6741, 10.7017, -13.7585



33.7998, 18.5371, -24.2934



29.5568, 16.2633, -10.5263



17.5906, 0.4965, -0.7294



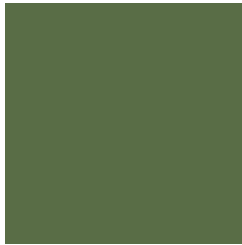
15.0234, 34.3239, -56.9254



33.1388, 76.6075, -132.5100

Previews

White Background



This preview shows how the HunterLab color 36.7469, -12.3605, 13.0778 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 36.7469, -12.3605, 13.0778 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

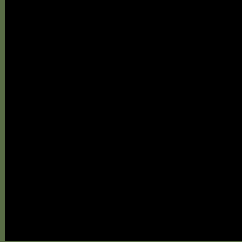
Any Text WCAG AA × Fail

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 36.7469, -12.3605, 13.0778 Background



This preview shows how black text looks on a background with the HunterLab color 36.7469, -12.3605, 13.0778.



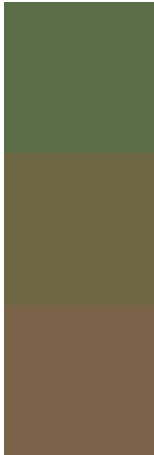
This preview shows how white text looks on a background with the HunterLab color 36.7469,

-12.3605, 13.0778.

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

36.7469, -12.3605, 13.0778

Protanopia

36.7223, -3.8980, 13.9863

Deuteranopia

36.5251, 2.3662, 12.5959



Tritanopia

36.7469, -3.1299, -2.1447

Trichromacy



Original Color

36.7469, -12.3605, 13.0778

Protanomaly

36.6116, -7.0830, 13.5795

Deuteranomaly

36.4317, -3.3969, 12.6881

Tritanomaly

36.7400, -6.8393, 4.2687

Monochromacy



Original Color

36.7469, -12.3605, 13.0778

Achromatopsia

35.3231, -1.8847, 1.9192

Achromatomaly

35.8301, -6.2534, 6.6913

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.7469, -12.3605, 13.0778 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(89, 109, 70)` looks like.

```
.text, #text, p{  
    color:rgb(89, 109, 70)  
}
```

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(89, 109, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 109, 70) }
```

Border

The CSS property to change the border of an element to HunterLab 36.7469, -12.3605, 13.0778 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(89, 109, 70) }
```


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

```
.border{ border-color:rgb(89, 109, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 109, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 109, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 109, 70);  
box-shadow:4px 4px 4px 4px rgb(89, 109,  
70) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.7469, -12.3605, 13.0778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 109, 70) }
```

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

```
.background{ background-color: rgb(89, 109,  
70) }
```

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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