

Converting Colors

HunterLab(37.6293, -8.8686,
12.1689)

Have a look what the booklet for
HunterLab(37.6293, -8.8686,
12.1689) contains.

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Color

**HunterLab(37.6409, -8.8295,
12.2696)**

Conversions

Conversions Part 1

Format	Color
Hex	646D4C
RGB	100, 109, 76
RGB Percent	39%, 43%, 30%
CMY	0.6078, 0.5725, 0.7020
CMYK	0.08, 0.00, 0.30, 0.57
HSL	76°, 18%, 36%
HSV	76°, 30%, 43%
XYZ	12.0287, 14.1684, 8.9382
YIQ	102.5470, 5.2290, -12.1710

Conversions

Conversions Part 2

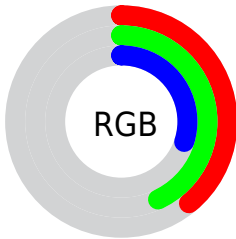
Format	Color
RYB	76, 109, 85
Decimal	6581580
CIELab	44.47, -9.63, 17.34
CIELCh	44, 19.838, 119.042
Yxy	14.1690, 0.3424, 0.4033
Android (android.graphics.Color)	4284771660 (0xFF646D4C)
YUV	102.5470, -13.0877, -2.2337
Hunter-Lab	37.6409, -8.8295, 12.2696

Details

The HunterLab color $37.6409, -8.8295, 12.2696$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $28.6437, 6.5297, -12.1846$, and the grayscale version is $36.7045, -1.9585, 1.9942$.

A 20% lighter version of the original color is $57.6208, -10.8908, 15.3509$, and $20.7390, -6.7012, 8.9559$ is the 20% darker color. If you saturate the color by 10%, you get $37.2338, -10.7055, 14.7680$, and if you desaturate by 10%, it is $38.0872, -6.7779, 9.3470$.

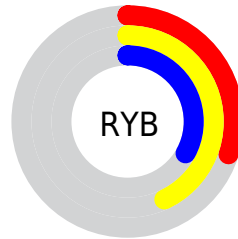
Distribution



Red (39%)

Green (43%)

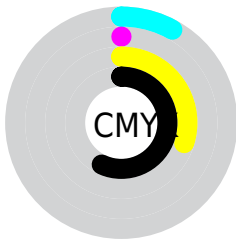
Blue (30%)



Red (30%)

Yellow (43%)

Blue (33%)

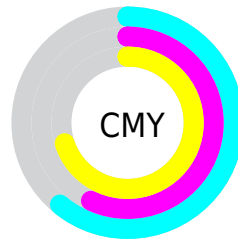


Cyan (8%)

Magenta (0%)

Yellow (30%)

Black (57%)



Cyan (61%)

Magenta (57%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.6409, -8.8295, 12.2696 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 37.6409, -8.8295, 12.2696 by changing the saturation by 10% instead.

■ 37.6409, -8.8295,
12.2696

■ 37.6409, -8.8295,
12.2696

147.7429,
-18.8916, 25.9200

■ 28.7024, -7.7176,
10.5796

■ 57.7829, -11.0269,
15.4581

■ 20.6102, -6.5778,
8.7810

■ 68.8813, -12.1248,
16.9936

■ 13.4652, -5.3845,
7.0823

■ 80.6113, -13.2279,
18.5057

■ 7.0380, -6.3384,
4.9266

■ 92.9405, -14.3388,
20.0017

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 105.8412,
-15.4595, 21.4874

0.0000, NaN, NaN

119.2891,

0.0000, NaN, NaN

-16.5913, 22.9670

0.0000, NaN, NaN

133.2627,
-17.7351, 24.4437

■ 37.6409, -8.8295,
12.2696

■ 37.6409, -8.8295,
12.2696

■ 37.2338, -10.7055,
14.7680

■ 38.0872, -6.7779,
9.3470

■ 36.8627, -12.4015,
16.8444

■ 38.5705, -4.5512,
6.0002

■ 36.5276, -13.9188,
18.5078

■ 39.0919, -2.1552,
2.2346

■ 36.2274, -15.2605,
19.7726

■ 39.6510, 0.4042,
-1.9415

■ 35.9602, -16.4325,
20.6607

■ 40.2479, 3.1200,
-6.5168

■ 35.7241, -17.4445,
21.2021

■ 40.8820, 5.9845,
-11.4779

■ 35.5129, -18.3392,
21.5618

■ 41.5528, 8.9894,
-16.8097

■ 42.2596, 12.1265,
-22.4956

■ 43.0018, 15.3871,
-28.5183

Harmonies

Analogous

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



37.6417, -1.7664, 13.4464



37.6409, -8.8295, 12.2696



37.6417, -13.7159, 8.5084

Triad

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



37.6417, -8.8305, 12.2700



37.6417, -9.2212, -11.8918



37.6417, 13.7058, 1.8163

Complementary

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



37.6409, -8.8295, 12.2696



28.6437, 6.5297, -12.1846

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.



37.6417, 11.3270, -5.8072



37.6409, -8.8295, 12.2696



37.6417, -2.2539, -14.6250

Square

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



37.6417, -8.8305, 12.2700



37.6417, -13.9286, -5.3255



37.6417, 5.3325, -12.2063



37.6417, 11.6040, 8.1796

Rectangle

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



37.6409, -8.8295, 12.2696



37.6417, -15.2825, 4.5913



37.6417, 5.3325, -12.2063



37.6417, 13.4007, -0.6841

Sweetspot

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



37.6417, -8.8305, 12.2700



51.6813, -5.7712, 7.5374



31.9984, 4.4975, 7.1265



24.8942, -2.9529, 3.8963



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.



37.6417, -8.8305, 12.2700



49.9967, -13.5292, 18.7282



36.5113, -13.0358, 11.1663



18.8257, -2.0667, 2.6908



38.3902, -19.8956, 23.3076



86.4011, -45.9272, 52.4359

Inverse Universe

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



28.6437, 6.5297, -12.1846



35.4330, 11.5025, -21.3156



30.0955, 11.0670, -9.7659



17.4969, 0.1772, -0.8548



12.6430, 31.8658, -71.0091



27.8672, 71.3360, -165.0335

Previews

White Background



This preview shows how the HunterLab color 37.6409, -8.8295, 12.2696 looks on a white background.

Color Contrast Check

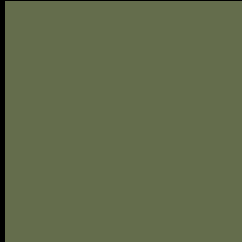
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.6409, -8.8295, 12.2696 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

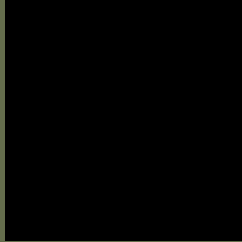
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

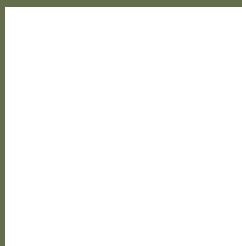
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 37.6409, -8.8295, 12.2696 Background



This preview shows how black text looks on a background with the HunterLab color 37.6409, -8.8295, 12.2696.



This preview shows how white text looks on a background with the HunterLab color 37.6409, -8.8295,

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

37.6409, -8.8295, 12.2696

Protanopia

37.5610, -3.4881, 12.8574

Deuteranopia

37.6065, 2.2584, 11.8489



Tritanopia

37.5448, -0.3000, -1.5415

Trichromacy



Original Color

37.6409, -8.8295, 12.2696

Protanomaly

37.4222, -5.3482, 12.4193

Deuteranomaly

37.5250, -2.1172, 11.9921

Tritanomaly

37.5656, -3.7407, 4.0533

Monochromacy



Original Color

37.6409, -8.8295, 12.2696

Achromatopsia

36.8284, -1.9651, 2.0010

Achromatomaly

37.0381, -4.5418, 6.1656

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.6409, -8.8295, 12.2696 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(100, 109, 76)` looks like.

```
.text, #text, p{  
    color:rgb(100, 109, 76)  
}
```

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(100, 109, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 109, 76) }
```

Border

The CSS property to change the border of an element to HunterLab 37.6409, -8.8295, 12.2696 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(100, 109, 76) }
```


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

```
.border{ border-color:rgb(100, 109, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 109, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 109, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 109, 76);  
box-shadow:4px 4px 4px 4px rgb(100, 109,  
76) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.6409, -8.8295, 12.2696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 109, 76) }
```

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

```
.background{ background-color: rgb(100,  
109, 76) }
```

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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