

Converting Colors

HunterLab(36.6983, -4.9394,
21.3806)

Have a look what the booklet for
HunterLab(36.6983, -4.9394,
21.3806) contains.

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Color

HunterLab(36.6983, -4.9394,
21.3806)

Conversions

Conversions Part 1

Format	Color
Hex	746715
RGB	116, 103, 21
RGB Percent	45%, 40%, 8%
CMY	0.5451, 0.5961, 0.9176
CMYK	0.00, 0.11, 0.82, 0.55
HSL	52°, 69%, 27%
HSV	52°, 82%, 45%
XYZ	12.1881, 13.4677, 2.6666
YIQ	97.5390, 34.0700, -22.7460

Conversions

Conversions Part 2

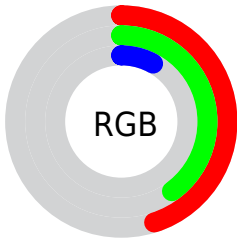
Format	Color
R _Y B	36, 116, 21
Decimal	7628565
CIE Lab	43.46, -4.16, 44.44
CIE LCh	43, 44.630, 95.344
Yxy	13.4683, 0.4303, 0.4755
Android (android.graphics.Color)	4285818645 (0xFF746715)
YUV	97.5390, -37.7337, 16.1903
Hunter-Lab	36.6983, -4.9394, 21.3806

Details

The HunterLab color **36.6983, -4.9394, 21.3806** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **16.0140, 16.9376, -51.0100**, and the grayscale version is **34.9043, -1.8624, 1.8964**.

A 20% lighter version of the original color is **56.7776, -6.5550, 28.4692**, and **19.8801, -2.5188, 12.2059** is the 20% darker color. If you saturate the color by 10%, you get **36.2243, -4.5165, 21.8002**, and if you desaturate by 10%, it is **37.2028, -5.2190, 20.5858**.

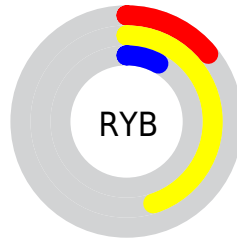
Distribution



Red (45%)

Green (40%)

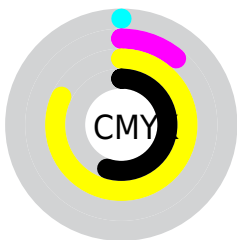
Blue (8%)



Red (14%)

Yellow (45%)

Blue (8%)

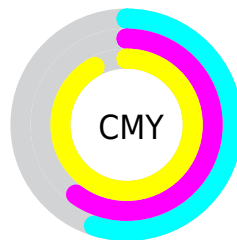


Cyan (0%)

Magenta (11%)

Yellow (82%)

Black (55%)



Cyan (55%)

Magenta (60%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.6983, -4.9394, 21.3806 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 36.6983, -4.9394, 21.3806 by changing the saturation by 10% instead.

■ 36.6983, -4.9394,
21.3806

■ 36.6983, -4.9394,
21.3806

146.2523,
-12.5838, 48.8653

■ 27.8421, -4.1967,
17.5160

■ 56.6944, -6.4880,
28.3971

■ 19.8407, -3.4679,
13.8885

■ 67.7268, -7.2935,
31.6335

■ 12.7989, -2.7471,
8.9593

■ 79.3943, -8.1209,
34.7327

■ 6.1895, -3.2571,
4.3327

■ 91.6641, -8.9703,
37.7192

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 104.5080, -9.8415,
40.6119

0.0000, NaN, NaN

■ 117.9015,

0.0000, NaN, NaN

-10.7343, 43.4261

0.0000, NaN, NaN

131.8227,
-11.6485, 46.1739

36.6983, -4.9394,
21.3806

36.6983, -4.9394,
21.3806

36.2243, -4.5165,
21.8002

37.2028, -5.2190,
20.5858

35.8500, -4.1237,
22.0184

37.7373, -5.3383,
19.3847

38.3041, -5.2901,
17.7579

38.9043, -5.0691,
15.6941

39.5385, -4.6721,
13.1883

■ 40.2071, -4.0982,
10.2405

■ 40.9100, -3.3482,
6.8552

■ 41.6473, -2.4241,
3.0404

■ 42.4186, -1.3295,
-1.1933

Harmonies

Analogous

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



36.6992, 12.6183, 20.4598



36.6983, -4.9394, 21.3806



36.6992, -18.9446, 19.3350

Triad

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



36.6992, -4.9409, 21.3809



36.6992, -24.9016, -20.7879



36.6992, 32.5261, -13.3961

Complementary

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



36.6983, -4.9394, 21.3806



16.0140, 16.9376, -51.0100

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.



36.6992, 18.8152, -33.2641



36.6983, -4.9394, 21.3806



36.6992, -14.5672, -38.7162

Square

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



36.6992, -4.9409, 21.3809



36.6992, -29.0549, -1.0028



36.6992, 1.1188, -44.0918



36.6992, 36.3643, 4.7643

Rectangle

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



36.6983, -4.9394, 21.3806



36.6992, -25.0664, 15.5962



36.6992, 1.1188, -44.0918



36.6992, 28.8112, -20.3120

Sweetspot

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



36.6992, -4.9409, 21.3809



52.9710, -5.7456, 15.1071



20.9101, 29.8030, 8.8416



25.7522, -2.9094, 7.9092



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



36.6992, -4.9409, 21.3809



47.5110, -5.3854, 29.0739



37.9112, -19.6087, 21.9076



20.4572, -1.5437, 2.8919



37.9524, -4.3275, 23.3103



83.2283, -8.6663, 51.1332

Inverse Universe

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



16.0140, 16.9376, -51.0100



16.8995, 32.6280, -90.9148



16.0894, 26.8212, -50.5037



19.1398, -0.5050, -0.8855



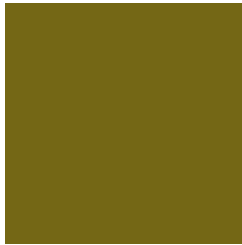
13.4467, 26.0389, -73.0176



28.3738, 62.4333, -170.2404

Previews

White Background



This preview shows how the HunterLab color 36.6983, -4.9394, 21.3806 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 36.6983, -4.9394, 21.3806 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

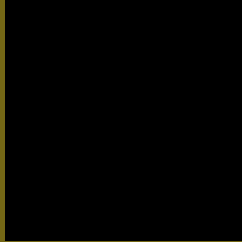
Any Text WCAG AA × Fail

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 36.6983, -4.9394, 21.3806 Background



This preview shows how black text looks on a background with the HunterLab color 36.6983, -4.9394, 21.3806.



This preview shows how white text looks on a background with the HunterLab color 36.6983, -4.9394,

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

36.6983, -4.9394, 21.3806

Protanopia

36.6983, -4.9394, 21.3806

Deuteranopia

36.6994, 1.8554, 21.2504



Tritanopia

36.7186, 6.9947, 2.0284

Trichromacy



Original Color

36.6983, -4.9394, 21.3806

Protanomaly

36.6983, -4.9394, 21.3806

Deuteranomaly

36.6896, -0.8433, 21.2833

Tritanomaly

36.6030, 1.3415, 12.3679

Monochromacy



Original Color

36.6983, -4.9394, 21.3806

Achromatopsia

34.9484, -1.8648, 1.8988

Achromatomaly

35.4398, -4.1561, 12.0713

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.6983, -4.9394, 21.3806 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(116, 103, 21)` looks like.

```
.text, #text, p{  
    color:rgb(116, 103, 21)  
}
```

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(116, 103, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 103, 21) }
```

Border

The CSS property to change the border of an element to HunterLab 36.6983, -4.9394, 21.3806 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(116, 103, 21) }
```


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

```
.border{ border-color:rgb(116, 103, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 103, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 103, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 103, 21);  
box-shadow:4px 4px 4px 4px rgb(116, 103,  
21) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.6983, -4.9394, 21.3806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 103, 21) }
```

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

```
.background{ background-color: rgb(116,  
103, 21) }
```

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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