

Converting Colors

HunterLab(36.7684, -13.3722,
21.5673)

Have a look what the booklet for
HunterLab(36.7684, -13.3722,
21.5673) contains.

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Color

**HunterLab(36.7684,
-13.3722, 21.5673)**

Conversions

Conversions Part 1

Format	Color
Hex	616D11
RGB	97, 109, 17
RGB Percent	38%, 43%, 7%
CMY	0.6196, 0.5725, 0.9333
CMYK	0.11, 0.00, 0.84, 0.57
HSL	68°, 73%, 25%
HSV	68°, 84%, 43%
XYZ	10.4996, 13.5192, 2.5864
YIQ	94.9240, 22.3800, -31.1560

Conversions

Conversions Part 2

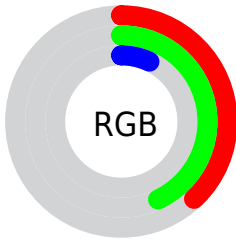
Format	Color
RYB	17, 109, 29
Decimal	6384913
CIELab	43.54, -16.71, 45.15
CIELCh	44, 48.147, 110.307
Yxy	13.5198, 0.3946, 0.5081
Android (android.graphics.Color)	4284574993 (0xFF616D11)
YUV	94.9240, -38.4165, 1.8207
Hunter-Lab	36.7684, -13.3722, 21.5673

Details

The HunterLab color **36.7684, -13.3722, 21.5673** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **13.2911, 23.3146, -55.9459**, and the grayscale version is **33.9334, -1.8106, 1.8437**.

A 20% lighter version of the original color is **56.6285, -16.3440, 28.5414**, and **20.1236, -9.5378, 12.2331** is the 20% darker color. If you saturate the color by 10%, you get **36.6268, -13.9881, 22.0407**, and if you desaturate by 10%, it is **36.9344, -12.6330, 20.7837**.

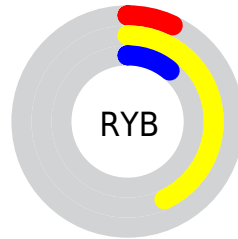
Distribution



Red (38%)

Green (43%)

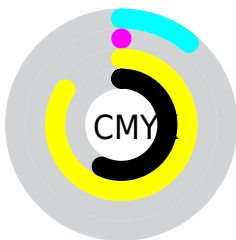
Blue (7%)



Red (7%)

Yellow (43%)

Blue (11%)

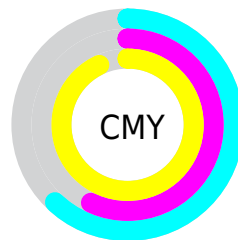


Cyan (11%)

Magenta (0%)

Yellow (84%)

Black (57%)



Cyan (62%)

Magenta (57%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.7684, -13.3722, 21.5673 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 36.7684, -13.3722, 21.5673 by changing the saturation by 10% instead.

36.7684, -13.3722,
21.5673

36.7684, -13.3722,
21.5673

146.3634,
-26.6333, 49.4251

27.9060, -11.7586,
17.6527

56.7754, -16.4416,
28.6835

19.8978, -10.0511,
13.9285

67.8127, -17.9280,
31.9656

12.8483, -8.1920,
8.9938

79.4849, -19.3958,
35.1079

6.2568, -10.9494,
4.3798

91.7592, -20.8516,
38.1350

0.0000, NaN, NaN

0.0000, NaN, NaN

104.6073,
-22.3000, 41.0664


0.0000, NaN, NaN


118.0048,


0.0000, NaN, NaN


-23.7446, 43.9173


0.0000, NaN, NaN


 131.9299,
-25.1883, 46.7001


 36.7684, -13.3722,
21.5673


 36.7684, -13.3722,
21.5673


 36.6268, -13.9881,
22.0407


 36.9344, -12.6330,
20.7837

 36.5501, -14.3170,
22.2714

 37.1262, -11.7460,
19.6331

 37.3467, -10.7026,
18.0877

 37.5976, -9.4957,
16.1267

 37.8801, -8.1208,
13.7352

■ 38.1955, -6.5752,
10.9035

■ 38.5444, -4.8582,
7.6265

■ 38.9274, -2.9707,
3.9036

■ 39.3450, -0.9151,
-0.2621

Harmonies

Analogous

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



36.7692, 4.1367, 22.0494



36.7684, -13.3722, 21.5673



36.7692, -25.2691, 17.5816

Triad

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



36.7692, -13.3733, 21.5675



36.7692, -21.8094, -34.0924



36.7692, 39.4428, -4.0782

Complementary

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



36.7684, -13.3722, 21.5673



13.2911, 23.3146, -55.9459

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.



36.7692, 29.1425, -26.3600



36.7684, -13.3722, 21.5673



36.7692, -7.6910, -48.4919

Square

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



36.7692, -13.3733, 21.5675



36.7692, -29.4394, -11.5798



36.7692, 11.0325, -45.1244



36.7692, 37.1003, 11.8088

Rectangle

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



36.7684, -13.3722, 21.5673



36.7692, -29.5267, 11.5718



36.7692, 11.0325, -45.1244



36.7692, 37.2783, -11.1270

Sweetspot

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



36.7692, -13.3733, 21.5675



51.0529, -9.0786, 15.1134



20.2731, 24.5469, 11.3705



24.5733, -4.6466, 7.7852



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.



36.7692, -13.3733, 21.5675



48.8698, -19.3047, 29.7754



34.2281, -23.3927, 19.7628



18.8799, -1.8755, 2.7530



39.5185, -15.5182, 24.0795



89.0557, -35.6015, 54.2524

Inverse Universe

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



13.2911, 23.3146, -55.9459



14.5323, 38.4916, -96.0697



17.1774, 29.8448, -38.8340



17.4423, -0.0094, -0.9281



11.8134, 31.1623, -77.1061



26.2421, 70.0152, -177.4190

Previews

White Background



This preview shows how the HunterLab color 36.7684, -13.3722, 21.5673 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 36.7684, -13.3722, 21.5673 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

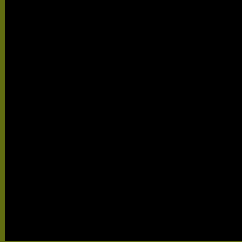
Any Text WCAG AA × Fail

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 36.7684, -13.3722, 21.5673 Background



This preview shows how black text looks on a background with the HunterLab color 36.7684, -13.3722, 21.5673.



This preview shows how white text looks on a background with the HunterLab color 36.7684,

-13.3722, 21.5673.

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

36.7684, -13.3722, 21.5673

Protanopia

36.6715, -5.0884, 21.7770

Deuteranopia

36.6994, 1.8554, 21.2504



Tritanopia

36.6261, 0.4288, -0.8443

Trichromacy



Original Color

36.7684, -13.3722, 21.5673

Protanomaly

36.5948, -8.1820, 21.6121

Deuteranomaly

36.5223, -4.1758, 21.2800

Tritanomaly

36.3967, -6.1458, 11.1817

Monochromacy



Original Color

36.7684, -13.3722, 21.5673

Achromatopsia

33.8283, -1.8050, 1.8380

Achromatomaly

34.6502, -7.0926, 12.1409

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.7684, -13.3722, 21.5673 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(97, 109, 17)` looks like.

```
.text, #text, p{  
    color:rgb(97, 109, 17)  
}
```

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(97, 109, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 109, 17) }
```

Border

The CSS property to change the border of an element to HunterLab 36.7684, -13.3722, 21.5673 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(97, 109, 17) }
```


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

```
.border{ border-color:rgb(97, 109, 17) }
```

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

Here you see how a box with a 4 pixel rgb(97, 109, 17) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 109, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 109, 17);  
box-shadow:4px 4px 4px 4px rgb(97, 109,  
17) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.7684, -13.3722, 21.5673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 109, 17) }
```

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

```
.background{ background-color: rgb(97, 109,  
17) }
```

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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