

Converting Colors

HunterLab(36.7210, -3.3644,
2.9506)

Have a look what the booklet for
HunterLab(36.7210, -3.3644, 2.9506)
contains.

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Color

**HunterLab(36.7832, -3.6816,
3.1675)**

Conversions

Conversions Part 1

Format	Color
Hex	646864
RGB	100, 104, 100
RGB Percent	39%, 41%, 39%
CMY	0.6078, 0.5921, 0.6078
CMYK	0.04, 0.00, 0.04, 0.59
HSL	120°, 2%, 40%
HSV	120°, 4%, 41%
XYZ	12.5061, 13.5300, 14.0090
YIQ	102.3480, -1.1000, -2.0920

Conversions

Conversions Part 2

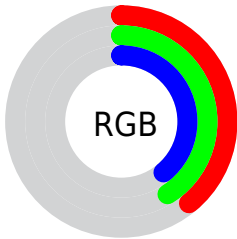
Format	Color
R_{YB}	100, 104, 104
Decimal	6580324
CIE _{Lab}	43.55, -2.38, 1.71
CIE _{LCh}	44, 2.927, 144.293
Yxy	13.5306, 0.3123, 0.3379
Android (android.graphics.Color)	4284770404 (0xFF646864)
YUV	102.3480, -1.1576, -2.0592
Hunter-Lab	36.7832, -3.6816, 3.1675

Details

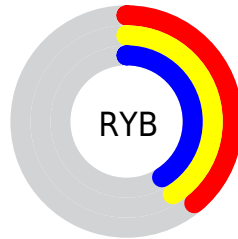
The HunterLab color $36.7832, -3.6816, 3.1675$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $36.1347, -0.1774, 0.7727$, and the grayscale version is $36.5875, -1.9522, 1.9879$.

A 20% lighter version of the original color is $56.7947, -4.8845, 4.3466$, and $19.8499, -2.5988, 2.1255$ is the 20% darker color. If you saturate the color by 10%, you get $35.7578, -7.8810, 6.0048$, and if you desaturate by 10%, it is $37.9163, 0.8133, 0.1311$.

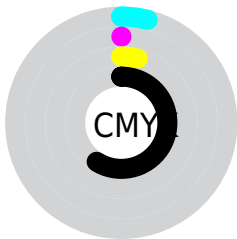
Distribution



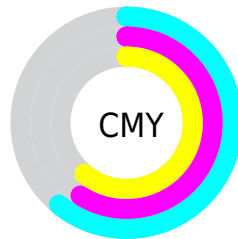
- Red (39%)
- Green (41%)
- Blue (39%)



- Red (39%)
- Yellow (41%)
- Blue (41%)



- Cyan (4%)
- Magenta (0%)
- Yellow (4%)
- Black (59%)



- Cyan (61%)
- Magenta (59%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.7832, -3.6816, 3.1675 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 36.7832, -3.6816, 3.1675 by changing the saturation by 10% instead.

■ 36.7832, -3.6816,
3.1675

■ 36.7832, -3.6816,
3.1675

146.3868,
-10.5561, 9.8344

■ 27.9194, -3.0552,
2.5796

■ 56.7925, -5.0234,
4.4445

■ 19.9098, -2.4568,
2.0258

■ 67.8308, -5.7359,
5.1298

■ 12.8587, -1.8855,
1.5073

■ 79.5040, -6.4757,
5.8451

■ 6.2709, -1.9867,
1.4707

■ 91.7792, -7.2418,
6.5891

0.0000, NaN, NaN

0.0000, NaN, NaN

104.6282, -8.0335,
7.3609

0.0000, NaN, NaN

118.0266, -8.8503,

0.0000, NaN, NaN

131.9525, -9.6913,
8.9843

■ 36.7832, -3.6816,
3.1675

■ 36.7832, -3.6816,
3.1675

■ 35.7578, -7.8810,
6.0048

■ 37.9163, 0.8133,
0.1311

■ 34.8417, -11.7378,
8.6110

■ 39.1501, 5.5628,
-3.0765

■ 34.0386, -15.2099,
10.9578

■ 40.4804, 10.5249,
-6.4270

■ 33.3501, -18.2590,
13.0189

■ 41.9020, 15.6626,
-9.8953

■ 32.7764, -20.8542,
14.7734

■ 43.4093, 20.9429,
-13.4590

■ 32.3157, -22.9761,
16.2080

■ 44.9973, 26.3376,
-17.0991

■ 31.9640, -24.6194,
17.3192

■ 46.6607, 31.8228,
-20.7993

■ 31.7149, -25.7961,
18.1149

■ 48.3947, 37.3786,
-24.5463

■ 31.5539, -26.5624,
18.6331

■ 50.1946, 42.9889,
-28.3292

Harmonies

Analogous

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



36.7840, -2.8390, 3.8058



36.7832, -3.6816, 3.1675



36.7840, -4.0652, 2.2036

Triad

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



36.7840, -3.6824, 3.1681



36.7840, -2.1767, -0.0767



36.7840, 0.0017, 2.8281

Complementary

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



36.7832, -3.6816, 3.1675



36.1347, -0.1774, 0.7727

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.



36.7840, 0.1841, 1.7997



36.7832, -3.6816, 3.1675



36.7840, -1.0821, 0.1025

Square

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



36.7840, -3.6824, 3.1681



36.7840, -3.2025, 0.3145



36.7840, -0.2148, 0.7970



36.7840, -0.7102, 3.6137

Rectangle

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



36.7832, -3.6816, 3.1675



36.7840, -4.0109, 1.4973



36.7840, -0.2148, 0.7970



36.7840, 0.1273, 2.5002

Sweetspot

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



36.7840, -3.6824, 3.1681



49.1297, -3.2357, 3.0870



37.0824, -2.5418, 3.5283



24.2732, -1.5735, 1.5081



74.4461, -3.9723, 4.0448



24.3420, -1.2988, 1.3225

Same Dimension

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



36.7840, -3.6824, 3.1681



48.5370, -5.6198, 4.6977



36.8355, -3.3982, 2.4324



17.9094, -2.1170, 1.7628



34.9350, -29.9567, 21.0023



79.7830, -68.4138, 47.9642

Inverse Universe

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



36.1347, -0.1774, 0.7727



47.3896, 0.5748, 0.4643



36.0809, -0.4698, 1.5392



17.4695, 0.2585, 0.1395



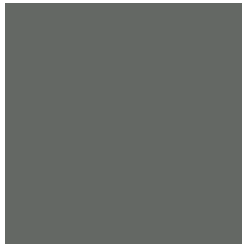
22.0450, 43.3414, -29.0773



50.3454, 98.9812, -66.4056

Previews

White Background



This preview shows how the HunterLab color 36.7832, -3.6816, 3.1675 looks on a white background.

Color Contrast Check

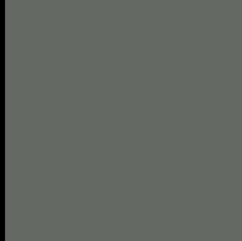
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.7832, -3.6816, 3.1675 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

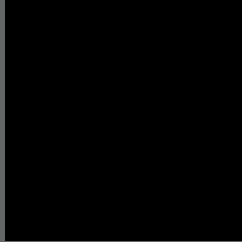
Any Text WCAG AA × Fail

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 36.7832, -3.6816, 3.1675 Background



This preview shows how black text looks on a background with the HunterLab color 36.7832, -3.6816, 3.1675.



This preview shows how white text looks on a background with the HunterLab color 36.7832, -3.6816, 3.1675.

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

36.7832, -3.6816, 3.1675

Protanopia

36.6154, -1.5345, 3.4209

Deuteranopia

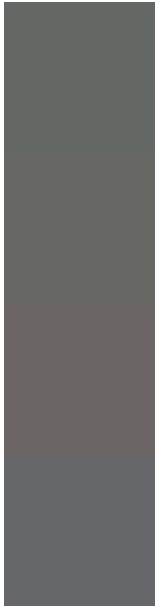
36.5704, 2.4850, 2.6173



Tritanopia

36.7086, -0.5392, -1.6799

Trichromacy



Original Color

36.7832, -3.6816, 3.1675

Protanomaly

36.7218, -2.5500, 3.5241

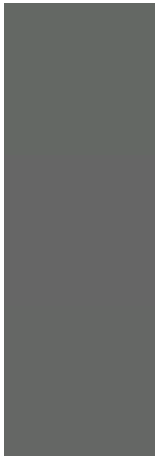
Deuteranomaly

36.6539, 0.0746, 2.6720

Tritanomaly

36.7814, -1.9050, 0.2090

Monochromacy



Original Color

36.7832, -3.6816, 3.1675

Achromatopsia

36.4511, -1.9449, 1.9805

Achromatomaly

36.6153, -2.8171, 2.5765

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.7832, -3.6816, 3.1675 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, 104, 100)` looks like.

```
.text, #text, p{  
    color:rgb(100, 104, 100)  
}
```

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, 104, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 104, 100) }
```

Border

The CSS property to change the border of an element to HunterLab 36.7832, -3.6816, 3.1675 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, 104, 100) }
```


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

```
.border{ border-color:rgb(100, 104, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 104, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 104, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 104, 100);  
box-shadow:4px 4px 4px 4px rgb(100, 104,  
100) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.7832, -3.6816, 3.1675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 104, 100) }
```

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

```
.background{ background-color: rgb(100,  
104, 100) }
```

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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