

Converting Colors

HunterLab(36.2456, -2.3758,
16.8451)

Have a look what the booklet for
HunterLab(36.2456, -2.3758,
16.8451) contains.

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Color

**HunterLab(36.1723, -2.1002,
16.7317)**

Conversions

Conversions Part 1

Format	Color
Hex	746435
RGB	116, 100, 53
RGB Percent	45%, 39%, 21%
CMY	0.5451, 0.6078, 0.7922
CMYK	0.00, 0.14, 0.54, 0.55
HSL	45°, 37%, 33%
HSV	45°, 54%, 45%
XYZ	12.4022, 13.0844, 5.2400
YIQ	99.4260, 24.6230, -11.2250

Conversions

Conversions Part 2

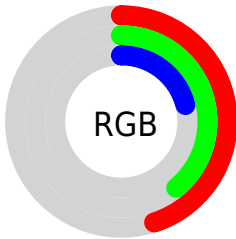
Format	Color
R_{YB}	74, 116, 53
Decimal	7627829
CIE Lab	42.89, -0.23, 28.79
CIE LCh	43, 28.788, 90.466
Yxy	13.0850, 0.4036, 0.4258
Android (android.graphics.Color)	4285817909 (0xFF746435)
YUV	99.4260, -22.8880, 14.5354
Hunter-Lab	36.1723, -2.1002, 16.7317

Details

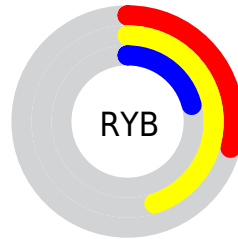
The HunterLab color **36.1723, -2.1002, 16.7317** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **25.0476, 4.2601, -23.6023**, and the grayscale version is **35.5602, -1.8974, 1.9321**.

A 20% lighter version of the original color is **56.2306, -3.1926, 21.6114**, and **19.5242, -1.2150, 11.3990** is the 20% darker color. If you saturate the color by 10%, you get **35.2646, -1.5306, 18.1140**, and if you desaturate by 10%, it is **37.1218, -2.5001, 14.9394**.

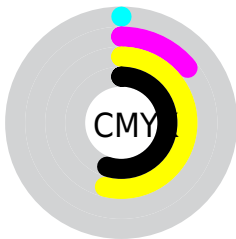
Distribution



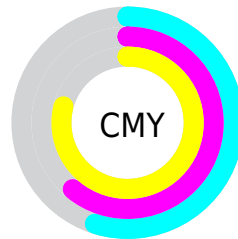
- Red (45%)
- Green (39%)
- Blue (21%)



- Red (29%)
- Yellow (45%)
- Blue (21%)



- Cyan (0%)
- Magenta (14%)
- Yellow (54%)
- Black (55%)



- Cyan (55%)
- Magenta (61%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.1723, -2.1002, 16.7317 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 36.1723, -2.1002, 16.7317 by changing the saturation by 10% instead.

■ 36.1723, -2.1002,
16.7317

■ 36.1723, -2.1002,
16.7317

■ 145.4172, -8.0366,
36.0879

■ 27.3625, -1.6159,
14.1100

■ 56.0860, -3.1919,
21.5195

■ 19.4127, -1.1746,
11.3084

■ 67.0810, -3.7912,
23.7571

■ 12.4296, -0.7825,
8.7007

■ 78.7133, -4.4239,
25.9218

■ 5.6573, -0.4824,
3.9601

■ 90.9496, -5.0884,
28.0293

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 103.7616, -5.7830,
30.0915

0.0000, NaN, NaN

■ 117.1243, -6.5067,

0.0000, NaN, NaN

32.1174

0.0000, NaN, NaN

131.0159, -7.2582,
34.1143

■ 36.1723, -2.1002,
16.7317

■ 36.1723, -2.1002,
16.7317

■ 35.2646, -1.5306,
18.1140

■ 37.1218, -2.5001,
14.9394

■ 34.3963, -0.7898,
19.0866

■ 38.1101, -2.7260,
12.7410

■ 33.5679, 0.1145,
19.6603

■ 39.1374, -2.7813,
10.1464

■ 32.7769, 1.1647,
19.8745

■ 40.2026, -2.6698,
7.1684

■ 32.3356, 1.7829,
19.9563

■ 41.3047, -2.3963,
3.8220

■ 42.4426, -1.9664,
0.1238

■ 43.6150, -1.3864,
-3.9090

■ 44.8208, -0.6629,
-8.2589

■ 46.0587, 0.1974,
-12.9085

Harmonies

Analogous

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



36.1732, 8.9469, 15.3382



36.1723, -2.1002, 16.7317



36.1732, -11.9217, 15.2463

Triad

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



36.1732, -2.1016, 16.7321



36.1732, -18.2274, -9.6189



36.1732, 18.0865, -9.2544

Complementary

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



36.1723, -2.1002, 16.7317



25.0476, 4.2601, -23.6023

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.



36.1732, 9.2751, -19.6760



36.1723, -2.1002, 16.7317



36.1732, -11.6601, -19.9264

Square

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



36.1732, -2.1016, 16.7321



36.1732, -20.5332, 1.8072



36.1732, -1.7622, -24.0564



36.1732, 21.4048, 2.1301

Rectangle

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



36.1723, -2.1002, 16.7317



36.1732, -16.6683, 12.4679



36.1732, -1.7622, -24.0564



36.1732, 15.6212, -13.0935

Sweetspot

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



36.1732, -2.1016, 16.7321



53.0018, -3.5888, 10.3728



25.8824, 20.7391, 3.1137



25.7770, -1.7679, 5.3817



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.



36.1732, -2.1016, 16.7321



46.4812, -1.8197, 24.3658



39.4104, -13.3106, 18.9841



20.2889, -1.2666, 2.7126



34.2109, 1.9667, 21.1150



74.5730, 6.0332, 46.0571

Inverse Universe

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



25.0476, 4.2601, -23.6023



28.8801, 9.2880, -41.6691



22.4176, 14.8235, -29.6266



19.3058, -0.7842, -0.6791



15.4894, 19.3325, -61.0937



32.4059, 48.1801, -144.5117

Previews

White Background



This preview shows how the HunterLab color 36.1723, -2.1002, 16.7317 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 36.1723, -2.1002, 16.7317 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

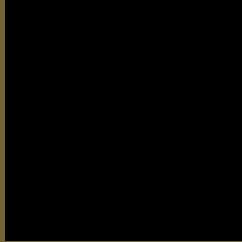
Any Text WCAG AA × Fail

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 36.1723, -2.1002, 16.7317 Background



This preview shows how black text looks on a background with the HunterLab color 36.1723, -2.1002, 16.7317.



This preview shows how white text looks on a background with the HunterLab color 36.1723, -2.1002, 16.7317.

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

36.1723, -2.1002, 16.7317

Protanopia

36.3508, -4.2005, 16.6333

Deuteranopia

36.1950, 2.0160, 16.6216



Tritanopia

35.9969, 7.1555, 1.6019

Trichromacy



Original Color

36.1723, -2.1002, 16.7317

Protanomaly

36.1724, -3.4458, 16.5084

Deuteranomaly

36.1478, 0.5345, 16.5591

Tritanomaly

35.9552, 3.5574, 8.3868

Monochromacy



Original Color

36.1723, -2.1002, 16.7317

Achromatopsia

35.3231, -1.8847, 1.9192

Achromatomaly

35.4064, -2.4189, 8.4075

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.1723, -2.1002, 16.7317 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, 100, 53)` looks like.

```
.text, #text, p{  
    color:rgb(116, 100, 53)  
}
```

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, 100, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 100, 53) }
```

Border

The CSS property to change the border of an element to HunterLab 36.1723, -2.1002, 16.7317 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, 100, 53) }
```


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

```
.border{ border-color:rgb(116, 100, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 100, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 100, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 100, 53);  
box-shadow:4px 4px 4px 4px rgb(116, 100,  
53) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.1723, -2.1002, 16.7317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 100, 53) }
```

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

```
.background{ background-color: rgb(116,  
100, 53) }
```

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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