

Converting Colors

HunterLab(36.4788, 3.3670,
-41.7140)

Have a look what the booklet for
HunterLab(36.4788, 3.3670,
-41.7140) contains.

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Color

**HunterLab(36.4005, 3.5319,
-41.9043)**

Conversions

Conversions Part 1

Format	Color
Hex	3466AD
RGB	52, 102, 173
RGB Percent	20%, 40%, 68%
CMY	0.7960, 0.6000, 0.3216
CMYK	0.70, 0.41, 0.00, 0.32
HSL	215°, 54%, 44%
HSV	215°, 70%, 68%
XYZ	13.7104, 13.2500, 41.3701
YIQ	95.1440, -52.5910, 11.4810

Conversions

Conversions Part 2

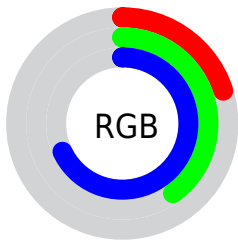
Format	Color
R_{YB}	52, 87, 173
Decimal	3434157
CIE _{Lab}	43.14, 7.32, -42.89
CIE _{LCh}	43, 43.515, 279.688
Yxy	13.2504, 0.2007, 0.1939
Android (android.graphics.Color)	4281624237 (0xFF3466AD)
YUV	95.1440, 38.3830, -37.8373
Hunter-Lab	36.4005, 3.5319, -41.9043

Details

The HunterLab color $[36.4005, 3.5319, -41.9043]$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $[48.2701, 7.7451, 25.8878]$, and the grayscale version is $[33.7587, -1.8013, 1.8342]$.

A 20% lighter version of the original color is $[56.4662, 3.0253, -42.9886]$, and $[20.4558, 6.1255, -38.7912]$ is the 20% darker color. If you saturate the color by 10%, you get $[33.1626, 6.7729, -50.1306]$, and if you desaturate by 10%, it is $[39.8946, 1.0129, -34.1558]$.

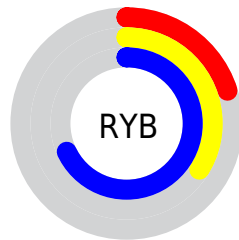
Distribution



Red (20%)

Green (40%)

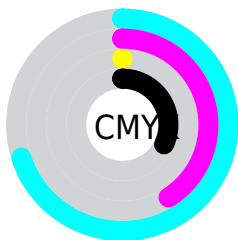
Blue (68%)



Red (20%)

Yellow (34%)

Blue (68%)

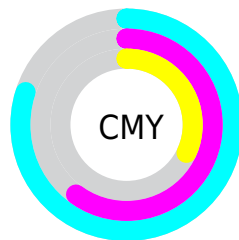


Cyan (70%)

Magenta (41%)

Yellow (0%)

Black (32%)



Cyan (80%)

Magenta (60%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.4005, 3.5319, -41.9043 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 36.4005, 3.5319, -41.9043 by changing the saturation by 10% instead.

■ 36.4005, 3.5319,
-41.9043

■ 36.4005, 3.5319,
-41.9043

■ 145.7793, 0.7625,
-47.4568

■ 27.5703, 3.5486,
-41.5318

■ 56.3497, 3.2803,
-43.1573

■ 19.5981, 3.4737,
-41.6475

■ 67.3609, 3.0618,
-43.8534

■ 12.5894, 3.2856,
-42.9670

■ 79.0085, 2.7899,
-44.5420

■ 5.8941, 5.0988,
-55.7172

■ 91.2594, 2.4692,
-45.2050

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 104.0852, 2.1032,
-45.8323

0.0000, NaN, NaN

117.4613, 1.6951,

0.0000, NaN, NaN

-46.4184

0.0000, NaN, NaN

131.3658, 1.2475,
-46.9603

■ 36.4005, 3.5319,
-41.9043

■ 36.4005, 3.5319,
-41.9043

■ 33.1626, 6.7729,
-50.1306

■ 39.8946, 1.0129,
-34.1558

■ 30.2145, 10.7862,
-58.7737

■ 43.6103, -0.8670,
-26.8929

■ 27.5573, 15.4628,
-67.8100

■ 47.5198, -2.1941,
-20.0850

■ 27.5414, 15.4926,
-67.8685

■ 51.5991, -3.0499,
-13.6866

■ 55.8282, -3.5054,
-7.6473

■ 60.1906, -3.6211,
-1.9182

■ 64.6725, -3.4474,
3.5454

■ 69.2625, -3.0258,
8.7831

■ 73.9509, -2.3906,
13.8288

Harmonies

Analogous

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



36.4011, -12.2858, -39.0347



36.4005, 3.5319, -41.9043



36.4011, 20.5357, -29.6083

Triad

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



36.4011, 3.5325, -41.9034



36.4011, 25.7324, 16.4343



36.4011, -27.1105, 10.9549

Complementary

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



36.4005, 3.5319, -41.9043



48.2701, 7.7451, 25.8878

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.



36.4011, -20.0203, 18.3630



36.4005, 3.5319, -41.9043



36.4011, 9.6987, 20.4110

Square

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



36.4011, 3.5325, -41.9034



36.4011, 34.7738, 6.6895



36.4011, -7.1151, 20.9122



36.4011, -28.1694, -3.4539

Rectangle

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



36.4005, 3.5319, -41.9043



36.4011, 29.5817, -16.7098



36.4011, -7.1151, 20.9122



36.4011, -25.4223, 14.1307

Sweetspot

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



36.4011, 3.5325, -41.9034



73.8924, -4.6336, -11.3622



56.6016, -36.2654, 14.7555



33.7408, -2.0984, -6.2853



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



36.4011, 3.5325, -41.9034



42.1474, 11.9047, -73.4252



25.4968, 30.7345, -75.6863



28.7758, -1.7218, -0.7448



23.8322, 12.7670, -57.3484



5.1722, -0.1791, -6.0782

Inverse Universe

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



35.0718, 44.7946, 1.1442



42.8688, 68.7073, 5.6876



61.5738, -18.8975, 34.4815



28.4045, 1.4287, 1.0262



26.2229, 46.2408, 6.6099



4.4983, 8.1655, -0.6743

Previews

White Background



This preview shows how the HunterLab color 36.4005, 3.5319, -41.9043 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 36.4005, 3.5319, -41.9043 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

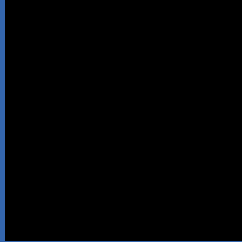
Any Text WCAG AA × Fail

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 36.4005, 3.5319, -41.9043 Background



This preview shows how black text looks on a background with the HunterLab color 36.4005, 3.5319, -41.9043.



This preview shows how white text looks on a background with the HunterLab color 36.4005, 3.5319,

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

36.4005, 3.5319, -41.9043

Protanopia

36.3369, 7.0996, -39.5381

Deuteranopia

36.2944, 3.1784, -42.1640



Tritanopia

36.3530, -17.3737, -7.9333

Trichromacy



Original Color

36.4005, 3.5319, -41.9043

Protanomaly

36.3021, 5.7421, -40.4558

Deuteranomaly

36.3290, 3.2939, -42.0791

Tritanomaly

36.0539, -10.8872, -19.4142

Monochromacy



Original Color

36.4005, 3.5319, -41.9043

Achromatopsia

33.8283, -1.8050, 1.8380

Achromatomaly

34.3914, -2.2240, -11.1525

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.4005, 3.5319, -41.9043 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(52, 102, 173)` looks like.

```
.text, #text, p{  
    color:rgb(52, 102, 173)  
}
```

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(52, 102, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 102, 173) }
```

Border

The CSS property to change the border of an element to HunterLab 36.4005, 3.5319, -41.9043 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(52, 102, 173) }
```


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

```
.border{ border-color:rgb(52, 102, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 102, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 102, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 102, 173);  
box-shadow:4px 4px 4px 4px rgb(52, 102,  
173) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.4005, 3.5319, -41.9043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 102, 173) }
```

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

```
.background{ background-color: rgb(52, 102,  
173) }
```

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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