

Converting Colors

HunterLab(36.0243, -0.3693,
-33.3030)

Have a look what the booklet for
HunterLab(36.0243, -0.3693,
-33.3030) contains.

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Color

**HunterLab(36.0243, -0.3693,
-33.3030)**

Conversions

Conversions Part 1

Format	Color
Hex	3367A1
RGB	51, 103, 161
RGB Percent	20%, 40%, 63%
CMY	0.8000, 0.5961, 0.3686
CMYK	0.68, 0.36, 0.00, 0.37
HSL	212°, 52%, 42%
HSV	212°, 68%, 63%
XYZ	12.6485, 12.9775, 35.5565
YIQ	94.0640, -49.6100, 7.0140

Conversions

Conversions Part 2

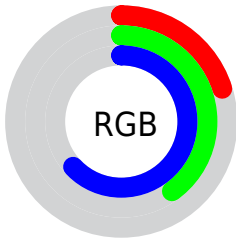
Format	Color
RYB	51, 86, 161
Decimal	3368865
CIELab	42.73, 2.13, -36.47
CIElCh	43, 36.530, 273.341
Yxy	12.9779, 0.2067, 0.2121
Android (android.graphics.Color)	4281558945 (0xFF3367A1)
YUV	94.0640, 32.9994, -37.7671
Hunter-Lab	36.0243, -0.3693, -33.3030

Details

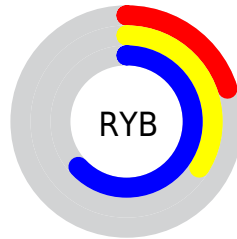
The HunterLab color $36.0243, -0.3693, -33.3030$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $43.3068, 9.8015, 22.5681$, and the grayscale version is $33.3756, -1.7808, 1.8134$.

A 20% lighter version of the original color is $55.9645, -1.4328, -34.3661$, and $20.0758, 2.4192, -30.3154$ is the 20% darker color. If you saturate the color by 10%, you get $33.2049, 1.9458, -39.7123$, and if you desaturate by 10%, it is $39.0468, -2.0770, -27.1751$.

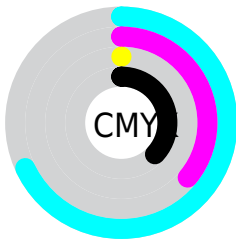
Distribution



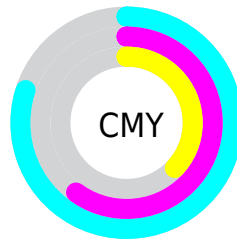
- Red (20%)
- Green (40%)
- Blue (63%)



- Red (20%)
- Yellow (34%)
- Blue (63%)



- Cyan (68%)
- Magenta (36%)
- Yellow (0%)
- Black (37%)



- Cyan (80%)
- Magenta (60%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.0243, -0.3693, -33.3030 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 36.0243, -0.3693, -33.3030 by changing the saturation by 10% instead.

■ 36.0243, -0.3693,
-33.3030

■ 36.0243, -0.3693,
-33.3030

■ 145.1813, -5.2919,
-38.0401

■ 27.2275, -0.0352,
-32.7783

■ 55.9143, -1.1896,
-34.5651

■ 19.2923, 0.2380,
-32.5273

■ 66.8988, -1.6669,
-35.1911

■ 12.3258, 0.4390,
-33.0173

■ 78.5211, -2.1843,
-35.7830

■ 5.4975, 1.3940,
-43.8730

■ 90.7480, -2.7390,
-36.3317

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 103.5508, -3.3288,
-36.8329

0.0000, NaN, NaN

116.9049, -3.9520,

0.0000, NaN, NaN

-37.2847

0.0000, NaN, NaN

130.7882, -4.6068,
-37.6870

■ 36.0243, -0.3693,
-33.3030

■ 36.0243, -0.3693,
-33.3030

■ 33.2049, 1.9458,
-39.7123

■ 39.0468, -2.0770,
-27.1751

■ 30.6086, 4.9119,
-46.3671

■ 42.2490, -3.2410,
-21.3417

■ 28.2370, 8.4790,
-53.2516

■ 45.6118, -3.9275,
-15.7931

■ 27.8508, 9.1024,
-54.4606

■ 49.1176, -4.1996,
-10.5091

■ 52.7516, -4.1137,
-5.4645

■ 56.5008, -3.7189,
-0.6326

■ 60.3541, -3.0571,
4.0125

■ 64.3024, -2.1634,
8.4948

■ 68.3374, -1.0676,
12.8361

Harmonies

Analogous

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



36.0249, -13.0437, -28.5652



36.0243, -0.3693, -33.3030



36.0249, 13.8026, -26.0402

Triad

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



36.0249, -0.3689, -33.3022



36.0249, 22.9521, 13.2333



36.0249, -22.6523, 11.5247

Complementary

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



36.0243, -0.3693, -33.3030



43.3068, 9.8015, 22.5681

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.



36.0249, -15.3440, 17.2876



36.0243, -0.3693, -33.3030



36.0249, 10.7327, 17.9823

Square

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



36.0249, -0.3689, -33.3022



36.0249, 28.4781, 3.3974



36.0249, -3.4534, 19.1251



36.0249, -24.7160, 0.4628

Rectangle

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



36.0243, -0.3693, -33.3030



36.0249, 21.8537, -16.5359



36.0249, -3.4534, 19.1251



36.0249, -20.7877, 13.9842

Sweetspot

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



36.0249, -0.3689, -33.3022



69.5813, -5.5645, -8.6769



52.2237, -33.9397, 15.5304



31.9836, -2.6292, -4.8885



89.8524, -4.7943, 4.8819



37.4146, -1.9963, 2.0328

Same Dimension

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



36.0249, -0.3689, -33.3022



42.5832, 4.5655, -57.7587



23.8621, 26.1414, -68.6185



27.1777, -1.8246, -0.5262



25.0509, 7.8067, -48.1640



4.7576, -0.8393, -4.1348

Inverse Universe

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



33.0525, 41.1516, -1.9315



40.3206, 63.6460, 0.4399



57.5474, -14.8692, 31.9725



26.7191, 1.3863, 0.7860



25.4512, 45.2599, 3.4700



3.8164, 7.0202, -1.2897

Previews

White Background



This preview shows how the HunterLab color 36.0243, -0.3693, -33.3030 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 36.0243, -0.3693, -33.3030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

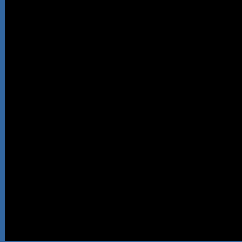
Any Text WCAG AA × Fail

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 36.0243, -0.3693, -33.3030 Background



This preview shows how black text looks on a background with the HunterLab color 36.0243, -0.3693, -33.3030.



This preview shows how white text looks on a background with the HunterLab color 36.0243, -0.3693, -33.3030.

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

36.0243, -0.3693, -33.3030

Protanopia

36.0836, 4.9821, -30.0912

Deuteranopia

36.1107, 2.8231, -33.8233



Tritanopia

35.8948, -16.1512, -7.5154

Trichromacy



Original Color

36.0243, -0.3693, -33.3030

Protanomaly

35.8443, 2.9218, -31.3680

Deuteranomaly

36.1553, 1.5834, -33.7483

Tritanomaly

35.7512, -10.9815, -16.1760

Monochromacy



Original Color

36.0243, -0.3693, -33.3030

Achromatopsia

33.4563, -1.7851, 1.8177

Achromatomaly

33.8779, -2.9794, -9.1729

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.0243, -0.3693, -33.3030 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(51, 103, 161)` looks like.

```
.text, #text, p{  
    color:rgb(51, 103, 161)  
}
```

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(51, 103, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 103, 161) }
```

Border

The CSS property to change the border of an element to HunterLab 36.0243, -0.3693, -33.3030 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(51, 103, 161) }
```


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

```
.border{ border-color:rgb(51, 103, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 103, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 103, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 103, 161);  
box-shadow:4px 4px 4px 4px rgb(51, 103,  
161) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.0243, -0.3693, -33.3030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 103, 161) }
```

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

```
.background{ background-color: rgb(51, 103,  
161) }
```

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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