

Converting Colors

HunterLab(36.1104, -1.1277,
-27.2639)

Have a look what the booklet for
HunterLab(36.1104, -1.1277,
-27.2639) contains.

HunterLab(36.0451, -1.0561, -27.3795)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(36.0451, -1.0561,
-27.3795)**

Conversions

Conversions Part 1

Format	Color
Hex	3D6799
RGB	61, 103, 153
RGB Percent	24%, 40%, 60%
CMY	0.7608, 0.5961, 0.4000
CMYK	0.60, 0.33, 0.00, 0.40
HSL	213°, 43%, 42%
HSV	213°, 60%, 60%
XYZ	12.5245, 12.9925, 31.9847
YIQ	96.1420, -41.0820, 6.6460

Conversions

Conversions Part 2

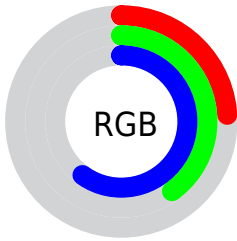
Format	Color
RYB	61, 90, 153
Decimal	4024217
CIELab	42.75, 1.19, -31.65
CIELCh	43, 31.676, 272.161
Yxy	12.9929, 0.2178, 0.2260
Android (android.graphics.Color)	4282214297 (0xFF3D6799)
YUV	96.1420, 28.0310, -30.8195
Hunter-Lab	36.0451, -1.0561, -27.3795

Details

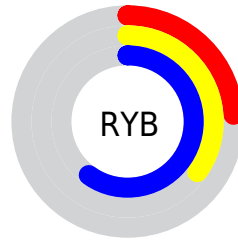
The HunterLab color $36.0451, -1.0561, -27.3795$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $42.9873, 6.4260, 20.5109$, and the grayscale version is $34.1645, -1.8229, 1.8562$.

A 20% lighter version of the original color is $56.0163, -1.9750, -28.6796$, and $19.7118, 0.4711, -25.6551$ is the 20% darker color. If you saturate the color by 10%, you get $33.1691, 0.7593, -33.4187$, and if you desaturate by 10%, it is $39.0987, -2.3452, -21.6493$.

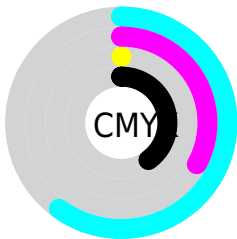
Distribution



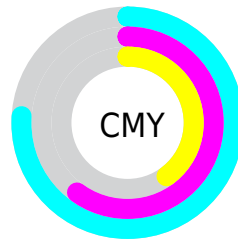
- Red (24%)
- Green (40%)
- Blue (60%)



- Red (24%)
- Yellow (35%)
- Blue (60%)



- Cyan (60%)
- Magenta (33%)
- Yellow (0%)
- Black (40%)



- Cyan (76%)
- Magenta (60%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.0451, -1.0561, -27.3795 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 36.0451, -1.0561, -27.3795 by changing the saturation by 10% instead.

■ 36.0451, -1.0561,
-27.3795

■ 36.0451, -1.0561,
-27.3795

■ 145.2145, -6.3767,
-31.2661

■ 27.2464, -0.6626,
-26.8105

■ 55.9385, -1.9824,
-28.5560

■ 19.3092, -0.3236,
-26.3840

■ 66.9244, -2.5077,
-29.0968

■ 12.3404, -0.0480,
-26.4066

■ 78.5481, -3.0704,
-29.5894

■ 5.5202, 0.6479,
-34.4307

■ 90.7763, -3.6683,
-30.0297

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 103.5804, -4.2993,
-30.4168

0.0000, NaN, NaN

116.9357, -4.9620,

0.0000, NaN, NaN

-30.7511

0.0000, NaN, NaN

130.8202, -5.6549,
-31.0337

■ 36.0451, -1.0561,
-27.3795

■ 36.0451, -1.0561,
-27.3795

■ 33.1691, 0.7593,
-33.4187

■ 39.0987, -2.3452,
-21.6493

■ 30.4909, 3.1607,
-39.7586

■ 42.3079, -3.1737,
-16.2197

■ 28.0338, 6.1888,
-46.3560

■ 45.6558, -3.6035,
-11.0673

■ 25.8089, 9.6825,
-53.1607

■ 49.1274, -3.6902,
-6.1640

■ 52.7099, -3.4817,
-1.4808

■ 56.3925, -3.0189,
3.0102

■ 60.1659, -2.3361,
7.3346

■ 64.0224, -1.4620,
11.5152

■ 67.9553, -0.4207,
15.5720

Harmonies

Analogous

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



36.0457, -12.0279, -23.1707



36.0451, -1.0561, -27.3795



36.0457, 11.1212, -21.8418

Triad

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



36.0457, -1.0559, -27.3787



36.0457, 19.6312, 11.7552



36.0457, -20.0556, 10.7402

Complementary

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



36.0451, -1.0561, -27.3795



42.9873, 6.4260, 20.5109

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.



36.0457, -13.3451, 15.9818



36.0451, -1.0561, -27.3795



36.0457, 9.4294, 16.4197

Square

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



36.0457, -1.0559, -27.3787



36.0457, 23.9921, 2.7755



36.0457, -2.7864, 17.6698



36.0457, -22.1100, 1.1292

Rectangle

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



36.0451, -1.0561, -27.3795



36.0457, 18.0467, -14.1624



36.0457, -2.7864, 17.6698



36.0457, -18.3168, 12.9489

Sweetspot

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



36.0457, -1.0559, -27.3787



66.5833, -4.9160, -7.1178



49.9021, -29.6162, 12.6804



30.6894, -2.3237, -4.1539



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283

Same Dimension

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



36.0457, -1.0559, -27.3787



43.1763, 1.9848, -47.4750



25.9428, 20.2251, -52.5362



25.4315, -1.6542, -0.5121



23.6018, 8.5134, -47.8782



3.9341, -0.7947, -3.2017

Inverse Universe

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



33.3011, 34.2088, -1.7281



40.3846, 54.7723, -0.7455



54.4035, -13.8386, 28.4688



25.0344, 1.2537, 0.7890



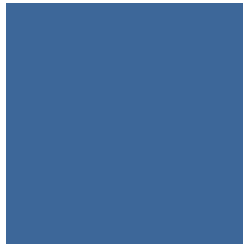
24.4288, 43.3514, 4.0303



3.1054, 5.7288, -1.1774

Previews

White Background



This preview shows how the HunterLab color 36.0451, -1.0561, -27.3795 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 36.0451, -1.0561, -27.3795 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

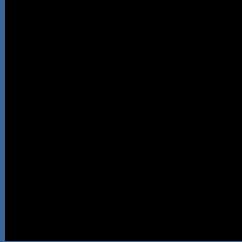
Any Text WCAG AA × Fail

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 36.0451, -1.0561, -27.3795 Background



This preview shows how black text looks on a background with the HunterLab color 36.0451, -1.0561, -27.3795.

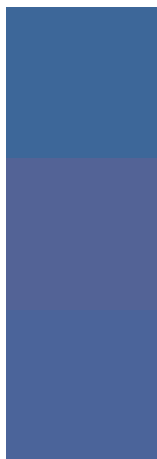


This preview shows how white text looks on a background with the HunterLab color 36.0451, -1.0561, -27.3795.

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

36.0451, -1.0561, -27.3795

Protanopia

36.0065, 4.0832, -25.2541

Deuteranopia

35.9768, 2.9871, -28.1616



Tritanopia

36.1450, -13.7092, -6.5960

Trichromacy



Original Color

36.0451, -1.0561, -27.3795

Protanomaly

35.8393, 2.2513, -26.3123

Deuteranomaly

35.9758, 1.6048, -28.1879

Tritanomaly

35.8579, -9.3890, -13.5734

Monochromacy



Original Color

36.0451, -1.0561, -27.3795

Achromatopsia

34.2010, -1.8249, 1.8582

Achromatomaly

34.7088, -2.9356, -7.4125

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.0451, -1.0561, -27.3795 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(61, 103, 153)` looks like.

```
.text, #text, p{  
    color:rgb(61, 103, 153)  
}
```

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(61, 103, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 103, 153) }
```

Border

The CSS property to change the border of an element to HunterLab 36.0451, -1.0561, -27.3795 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(61, 103, 153) }
```


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

```
.border{ border-color:rgb(61, 103, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 103, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 103, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 103, 153);  
box-shadow:4px 4px 4px 4px rgb(61, 103,  
153) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.0451, -1.0561, -27.3795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 103, 153) }
```

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

```
.background{ background-color: rgb(61, 103,  
153) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor