

Converting Colors

HunterLab(35.4553, 18.3687,
-32.6821)

Have a look what the booklet for
HunterLab(35.4553, 18.3687,
-32.6821) contains.

HunterLab(35.4553, 18.3687, -32.6821)	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(35.4553, 18.3687,
-32.6821)**

Conversions

Conversions Part 1

Format	Color
Hex	6D579F
RGB	109, 87, 159
RGB Percent	43%, 34%, 62%
CMY	0.5725, 0.6588, 0.3765
CMYK	0.31, 0.45, 0.00, 0.38
HSL	258°, 29%, 48%
HSV	258°, 45%, 62%
XYZ	15.9729, 12.5708, 34.3854
YIQ	101.7860, -10.0000, 27.0560

Conversions

Conversions Part 2

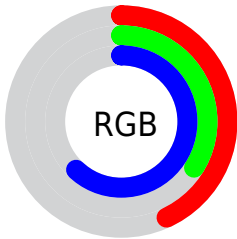
Format	Color
R_{YB}	109, 87, 159
Decimal	7165855
CIE _{Lab}	42.11, 25.45, -36.01
CIE _{LCh}	42, 44.094, 305.252
Yxy	12.5713, 0.2538, 0.1998
Android (android.graphics.Color)	4285355935 (0xFF6D579F)
YUV	101.7860, 28.2065, 6.3267
Hunter-Lab	35.4553, 18.3687, -32.6821

Details

The HunterLab color $35.4553, 18.3687, -32.6821$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $55.5004, -18.5376, 24.2416$, and the grayscale version is $36.2709, -1.9353, 1.9707$.

A 20% lighter version of the original color is $55.1613, 19.9090, -34.0413$, and $18.8334, 16.2479, -31.9009$ is the 20% darker color. If you saturate the color by 10%, you get $31.0115, 23.7257, -43.1869$, and if you desaturate by 10%, it is $40.2249, 13.2558, -23.3291$.

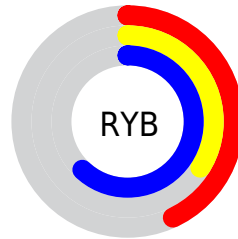
Distribution



Red (43%)

Green (34%)

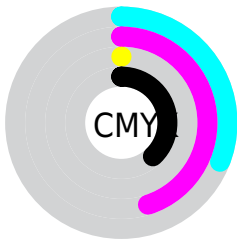
Blue (62%)



Red (43%)

Yellow (34%)

Blue (62%)

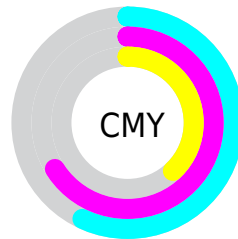


Cyan (31%)

Magenta (45%)

Yellow (0%)

Black (38%)



Cyan (57%)

Magenta (66%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 35.4553, 18.3687, -32.6821 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 35.4553, 18.3687, -32.6821 by changing the saturation by 10% instead.

■ 35.4553, 18.3687,
-32.6821

■ 35.4553, 18.3687,
-32.6821

■ 144.2745, 22.7499,
-37.3632

■ 26.7095, 17.3886,
-32.1597

■ 55.2552, 19.9547,
-33.9367

■ 18.8309, 16.2626,
-31.9137

■ 66.1989, 20.5894,
-34.5575

■ 11.9290, 14.9820,
-32.4259

■ 77.7827, 21.1333,
-35.1434

■ 4.8331, 22.6868,
-47.3569

■ 89.9729, 21.5951,
-35.6855

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 102.7408, 21.9821,
-36.1795

0.0000, NaN, NaN

116.0613, 22.3003,

0.0000, NaN, NaN

-36.6237

0.0000, NaN, NaN

129.9124, 22.5547,
-37.0181

■ 35.4553, 18.3687,
-32.6821

■ 35.4553, 18.3687,
-32.6821

■ 31.0115, 23.7257,
-43.1869

■ 40.2249, 13.2558,
-23.3291

■ 26.9762, 29.2622,
-54.9573

■ 45.2569, 8.3787,
-14.9381

■ 23.4641, 34.7398,
-67.8163

■ 50.5075, 3.7026,
-7.3173

■ 20.6163, 39.6081,
-80.9348

■ 55.9439, -0.8111,
-0.3047

■ 18.5598, 43.0161,
-92.5946

■ 61.5414, -5.1974,
6.2294

■ 17.7367, 44.4874,
-97.9385

■ 67.2808, -9.4858,
12.3867

■ 73.1474, -13.7001,
18.2462

■ 79.1292, -17.8595,
23.8691

■ 85.2163, -21.9789,
29.3035

Harmonies

Analogous

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



35.4560, 1.0613, -43.2793



35.4553, 18.3687, -32.6821



35.4560, 31.8155, -13.1953

Triad

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



35.4560, 18.3684, -32.6810



35.4560, 12.4098, 19.8672



35.4560, -28.3074, -0.9492

Complementary

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



35.4553, 18.3687, -32.6821



55.5004, -18.5376, 24.2416

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.



35.4560, -26.3781, 12.3935



35.4553, 18.3687, -32.6821



35.4560, -4.7551, 20.7617

Square

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



35.4560, 18.3684, -32.6810



35.4560, 27.9576, 15.3170



35.4560, -18.4298, 18.8019



35.4560, -24.2860, -20.3184

Rectangle

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



35.4553, 18.3687, -32.6821



35.4560, 35.6450, -0.6638



35.4560, -18.4298, 18.8019



35.4560, -28.3240, 4.3415

Sweetspot

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



35.4560, 18.3684, -32.6810



68.3198, 4.3323, -8.8052



47.4711, -10.9110, -11.9071



31.7442, 2.6534, -5.1286



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.



35.4560, 18.3684, -32.6810



41.6465, 31.5641, -57.4150



39.1196, 28.6088, -25.1074



25.5512, 0.4559, -1.4342



15.8257, 39.5947, -86.6147



2.5597, 5.7646, -9.0516

Inverse Universe

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



39.9922, 29.1978, -9.9329



49.3802, 48.0246, -15.8772



53.1738, -27.4918, 22.2297



25.9230, 1.5803, 0.0971



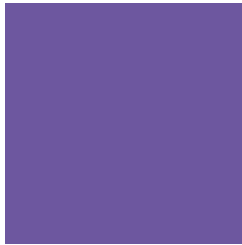
25.9342, 47.8988, -10.2624



3.5693, 6.7653, -2.7542

Previews

White Background



This preview shows how the HunterLab color 35.4553, 18.3687, -32.6821 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 35.4553, 18.3687, -32.6821 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

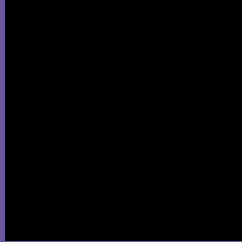
Any Text WCAG AA × Fail

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 35.4553, 18.3687, -32.6821 Background



This preview shows how black text looks on a background with the HunterLab color 35.4553, 18.3687, -32.6821.



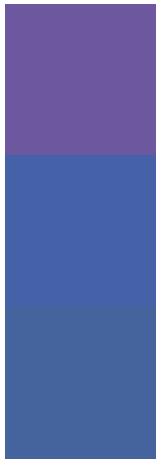
This preview shows how white text looks on a background with the HunterLab color 35.4553, 18.3687, -32.6821.

-32.6821.

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

35.4553, 18.3687, -32.6821

Protanopia

35.5552, 7.0433, -39.7433

Deuteranopia

35.4812, 2.8902, -30.6439



Tritanopia

35.4710, -0.9184, -1.4096

Trichromacy



Original Color

35.4553, 18.3687, -32.6821

Protanomaly

35.2564, 11.0150, -37.9457

Deuteranomaly

35.3604, 7.9546, -31.5569

Tritanomaly

35.3773, 5.3859, -11.1870

Monochromacy



Original Color

35.4553, 18.3687, -32.6821

Achromatopsia

36.4511, -1.9449, 1.9805

Achromatomaly

36.0315, 4.6934, -8.5503

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 35.4553, 18.3687, -32.6821 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(109, 87, 159)` looks like.

```
.text, #text, p{  
    color:rgb(109, 87, 159)  
}
```

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(109, 87, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 87, 159) }
```

Border

The CSS property to change the border of an element to HunterLab 35.4553, 18.3687, -32.6821 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(109, 87, 159) }
```


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

```
.border{ border-color:rgb(109, 87, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 87, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 87, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 87, 159);  
box-shadow:4px 4px 4px 4px rgb(109, 87,  
159) }
```

Background

The CSS property to change the background color of an element to HunterLab 35.4553, 18.3687, -32.6821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 87, 159) }
```

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

```
.background{ background-color: rgb(109, 87,  
159) }
```

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