

Converting Colors

HunterLab(36.2150, 1.1613,
-18.4462)

Have a look what the booklet for
HunterLab(36.2150, 1.1613,
-18.4462) contains.

HunterLab(36.1741, 1.0580, -18.3568)	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(36.1741, 1.0580,
-18.3568)**

Conversions

Conversions Part 1

Format	Color
Hex	54658C
RGB	84, 101, 140
RGB Percent	33%, 40%, 55%
CMY	0.6706, 0.6039, 0.4510
CMYK	0.40, 0.28, 0.00, 0.45
HSL	222°, 25%, 44%
HSV	222°, 40%, 55%
XYZ	13.0435, 13.0857, 26.6493
YIQ	100.3630, -22.6510, 8.5250

Conversions

Conversions Part 2

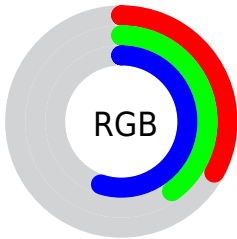
Format	Color
R_{YB}	84, 97, 140
Decimal	5531020
CIE _{Lab}	42.89, 4.06, -23.57
CIE _{LCh}	43, 23.912, 279.768
Yxy	13.0862, 0.2471, 0.2479
Android (android.graphics.Color)	4283721100 (0xFF54658C)
YUV	100.3630, 19.5410, -14.3504
Hunter-Lab	36.1741, 1.0580, -18.3568

Details

The HunterLab color $36.1741, 1.0580, -18.3568$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $45.1463, -1.9114, 16.7696$, and the grayscale version is $35.7706, -1.9086, 1.9435$.

A 20% lighter version of the original color is $56.2012, 0.4852, -19.2046$, and $19.5209, 1.2382, -17.3287$ is the 20% darker color. If you saturate the color by 10%, you get $32.7429, 2.7887, -24.7027$, and if you desaturate by 10%, it is $39.7557, -0.3001, -12.5105$.

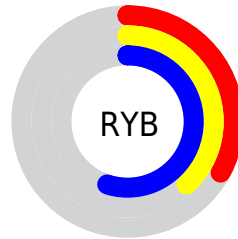
Distribution



Red (33%)

Green (40%)

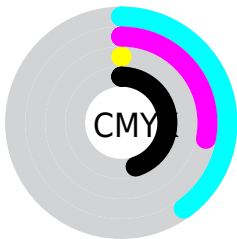
Blue (55%)



Red (33%)

Yellow (38%)

Blue (55%)

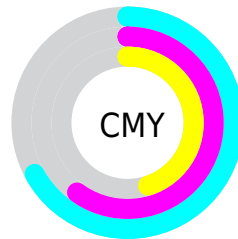


Cyan (40%)

Magenta (28%)

Yellow (0%)

Black (45%)



Cyan (67%)

Magenta (60%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.1741, 1.0580, -18.3568 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 36.1741, 1.0580, -18.3568 by changing the saturation by 10% instead.

■ 36.1741, 1.0580,
-18.3568

■ 36.1741, 1.0580,
-18.3568

■ 145.4198, -3.0585,
-20.3836

■ 27.3640, 1.2716,
-17.8529

■ 56.0879, 0.4509,
-19.2147

■ 19.4141, 1.4128,
-17.3441

■ 67.0830, 0.0707,
-19.5536

■ 12.4307, 1.4650,
-16.9491

■ 78.7154, -0.3547,
-19.8314

■ 5.6590, 2.8217,
-21.2681

■ 90.9519, -0.8218,
-20.0500

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 103.7639, -1.3279,
-20.2119

0.0000, NaN, NaN

117.1267, -1.8707,

0.0000, NaN, NaN

-20.3197

0.0000, NaN, NaN

131.0185, -2.4481,
-20.3761

■ 36.1741, 1.0580,
-18.3568

■ 36.1741, 1.0580,
-18.3568

■ 32.7429, 2.7887,
-24.7027

■ 39.7557, -0.3001,
-12.5105

■ 29.4856, 4.9702,
-31.6347

■ 43.4654, -1.3505,
-7.0848

■ 26.4357, 7.6876,
-39.2224

■ 47.2882, -2.1470,
-2.0072

■ 23.6343, 11.0196,
-47.4860

■ 51.2113, -2.7325,
2.7831

■ 21.1314, 15.0043,
-56.3309

■ 55.2245, -3.1417,
7.3363

■ 18.9347, 19.4637,
-65.6829

■ 59.3195, -3.4021,
11.6939

■ 18.9344, 19.4644,
-65.6843

■ 63.4892, -3.5361,
15.8897

■ 67.7280, -3.5616,
19.9512

■ 72.0308, -3.4934,
23.9013

Harmonies

Analogous

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



36.1748, -7.7367, -17.1845



36.1741, 1.0580, -18.3568



36.1748, 9.8445, -13.1465

Triad

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



36.1748, 1.0578, -18.3560



36.1748, 12.3876, 11.0131



36.1748, -16.8100, 7.2226

Complementary

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



36.1741, 1.0580, -18.3568



45.1463, -1.9114, 16.7696

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.



36.1748, -12.3717, 12.4937



36.1741, 1.0580, -18.3568



36.1748, 4.2632, 14.2812

Square

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



36.1748, 1.0578, -18.3560



36.1748, 16.7962, 4.6580



36.1748, -4.8280, 14.7471



36.1748, -17.4870, -0.9435

Rectangle

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



36.1741, 1.0580, -18.3568



36.1748, 14.3056, -7.3619



36.1748, -4.8280, 14.7471



36.1748, -15.7307, 9.3301

Sweetspot

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



36.1748, 1.0578, -18.3560



61.6324, -2.6386, -4.1491



46.9607, -19.2205, 5.2440



29.3134, -1.2140, -2.3454



84.2951, -4.4978, 4.5799



32.6403, -1.7416, 1.7734

Same Dimension

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



36.1748, 1.0578, -18.3560



43.9157, 3.4513, -31.9358



32.6013, 11.6507, -24.8300



22.6359, -1.0481, -0.7536



17.9364, 18.1057, -61.5041



2.1163, 0.0707, -2.7978

Inverse Universe

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



35.8555, 18.5732, 2.0595



43.8522, 31.1503, 3.3144



49.1135, -12.7374, 19.9145



22.5210, 0.9416, 1.1025



22.6031, 39.3939, 9.2922



1.9053, 3.4410, -0.1492

Previews

White Background



This preview shows how the HunterLab color 36.1741, 1.0580, -18.3568 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 36.1741, 1.0580, -18.3568 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

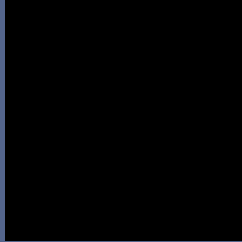
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

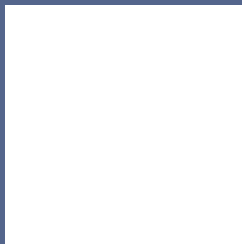
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 36.1741, 1.0580, -18.3568 Background



This preview shows how black text looks on a background with the HunterLab color 36.1741, 1.0580, -18.3568.



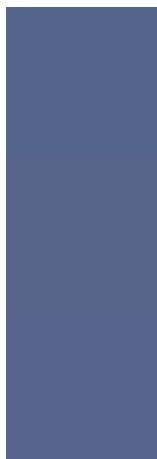
This preview shows how white text looks on a background with the HunterLab color 36.1741, 1.0580, -18.3568.

-18.3568.

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

36.1741, 1.0580, -18.3568

Protanopia

36.1971, 2.4254, -17.6625

Deuteranopia

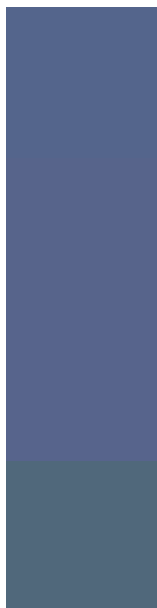
36.1697, 2.4148, -18.3406



Tritanopia

36.1950, -7.8512, -3.9117

Trichromacy



Original Color

36.1741, 1.0580, -18.3568

Protanomaly

36.0620, 1.9709, -17.9036

Deuteranomaly

36.1027, 2.1894, -18.4614

Tritanomaly

36.1056, -4.6809, -8.6055

Monochromacy



Original Color

36.1741, 1.0580, -18.3568

Achromatopsia

35.6984, -1.9048, 1.9396

Achromatomaly

35.6817, -1.0726, -4.9831

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.1741, 1.0580, -18.3568 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(84, 101, 140)` looks like.

```
.text, #text, p{  
    color:rgb(84, 101, 140)  
}
```

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(84, 101, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 101, 140) }
```

Border

The CSS property to change the border of an element to HunterLab 36.1741, 1.0580, -18.3568 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(84, 101, 140) }
```


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

```
.border{ border-color:rgb(84, 101, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 101, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 101, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 101, 140);  
box-shadow:4px 4px 4px 4px rgb(84, 101,  
140) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.1741, 1.0580, -18.3568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 101, 140) }
```

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

```
.background{ background-color: rgb(84, 101,  
140) }
```

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