

Converting Colors

HunterLab(36.2014, 15.0069,
-19.8631)

Have a look what the booklet for
HunterLab(36.2014, 15.0069,
-19.8631) contains.

HunterLab(36.0673, 15.1596, -20.2287)	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(36.0673, 15.1596,
-20.2287)**

Conversions

Conversions Part 1

Format	Color
Hex	745A8F
RGB	116, 90, 143
RGB Percent	45%, 35%, 56%
CMY	0.5451, 0.6470, 0.4392
CMYK	0.19, 0.37, 0.00, 0.44
HSL	269°, 23%, 46%
HSV	269°, 37%, 56%
XYZ	15.8165, 13.0085, 27.6639
YIQ	103.8160, -1.5170, 21.9950

Conversions

Conversions Part 2

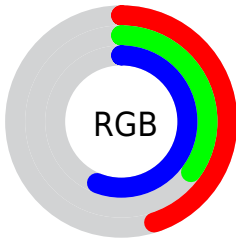
Format	Color
R _Y B	116, 90, 143
Decimal	7625359
CIE Lab	42.78, 21.67, -25.33
CIE LCh	43, 33.338, 310.546
Yxy	13.0090, 0.2800, 0.2303
Android (android.graphics.Color)	4285815439 (0xFF745A8F)
YUV	103.8160, 19.3177, 10.6854
Hunter-Lab	36.0673, 15.1596, -20.2287

Details

The HunterLab color $36.0673, 15.1596, -20.2287$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $49.1582, -17.0194, 18.3260$, and the grayscale version is $37.0672, -1.9778, 2.0139$.

A 20% lighter version of the original color is $55.8770, 16.6374, -21.3274$, and $19.3192, 13.1208, -18.9398$ is the 20% darker color. If you saturate the color by 10%, you get $32.1627, 20.2695, -27.7317$, and if you desaturate by 10%, it is $40.2206, 10.1563, -13.3462$.

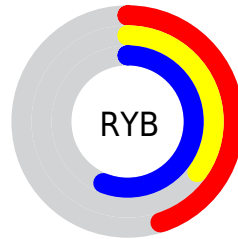
Distribution



Red (45%)

Green (35%)

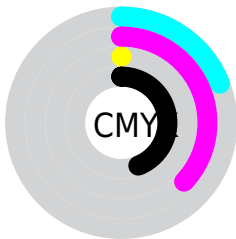
Blue (56%)



Red (45%)

Yellow (35%)

Blue (56%)

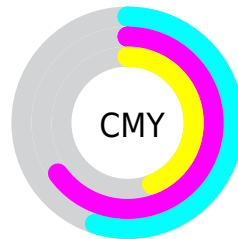


Cyan (19%)

Magenta (37%)

Yellow (0%)

Black (44%)



Cyan (55%)

Magenta (65%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.0673, 15.1596, -20.2287 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 36.0673, 15.1596, -20.2287 by changing the saturation by 10% instead.

36.0673, 15.1596,
-20.2287

36.0673, 15.1596,
-20.2287

145.2500, 18.0802,
-22.7095

27.2668, 14.3746,
-19.6962

55.9643, 16.3761,
-21.1746

19.3273, 13.4482,
-19.1844

66.9519, 16.8374,
-21.5641

12.3560, 12.3598,
-18.8462

78.5771, 17.2146,
-21.8942

5.5445, 16.7362,
-24.0877

90.8067, 17.5159,
-22.1657

0.0000, NaN, -NF

0.0000, NaN, NaN

103.6122, 17.7479,
-22.3807

0.0000, NaN, NaN

116.9687, 17.9163,

0.0000, NaN, NaN

-22.5414

0.0000, NaN, NaN

130.8545, 18.0258,
-22.6502

■ 36.0673, 15.1596,
-20.2287

■ 36.0673, 15.1596,
-20.2287

■ 32.1627, 20.2695,
-27.7317

■ 40.2206, 10.1563,
-13.3462

■ 28.5578, 25.4269,
-35.9099

■ 44.5798, 5.2754,
-6.9996

■ 25.3216, 30.4784,
-44.7108

■ 49.1148, 0.5089,
-1.0974

■ 22.5378, 35.1173,
-53.8606

■ 53.8017, -4.1589,
4.4419

■ 20.2962, 38.8424,
-62.7270

■ 58.6221, -8.7452,
9.6867

■ 18.6101, 41.2668,
-70.6013

■ 63.5613, -13.2667,
14.6934

■ 18.1409, 41.9986,
-73.0193

■ 68.6073, -17.7377,
19.5074

■ 73.7507, -22.1706,
24.1653

■ 78.9833, -26.5758,
28.6965

Harmonies

Analogous

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



36.0680, 2.6025, -28.7229



36.0673, 15.1596, -20.2287



36.0680, 23.7948, -6.5592

Triad

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



36.0680, 15.1589, -20.2277



36.0680, 6.4767, 17.6050



36.0680, -22.7356, -2.5012

Complementary

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



36.0673, 15.1596, -20.2287



49.1582, -17.0194, 18.3260

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.



36.0680, -21.9951, 8.8087



36.0673, 15.1596, -20.2287



36.0680, -6.2424, 18.0362

Square

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



36.0680, 15.1589, -20.2277



36.0680, 18.3268, 13.9348



36.0680, -16.3251, 15.4239



36.0680, -18.5086, -16.3977

Rectangle

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



36.0673, 15.1596, -20.2287



36.0680, 25.5476, 2.1818



36.0680, -16.3251, 15.4239



36.0680, -23.0434, 1.7434

Sweetspot

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



36.0680, 15.1589, -20.2277



63.1686, 3.3242, -4.6981



41.1939, -4.5750, -12.0991



29.9023, 1.9567, -2.7009



85.4018, -4.5568, 4.6400



33.5864, -1.7921, 1.8248

Same Dimension

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



36.0680, 15.1589, -20.2277



44.1236, 25.6581, -34.8963



38.8035, 23.1291, -15.3913



23.1877, 0.7268, -1.1144



17.0945, 39.5322, -68.4676



2.0244, 4.2949, -5.1113

Inverse Universe

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



37.9958, 18.9859, -2.5170



47.4153, 31.6443, -4.2181



47.5412, -23.2309, 16.8240



23.3817, 1.1944, 0.6027



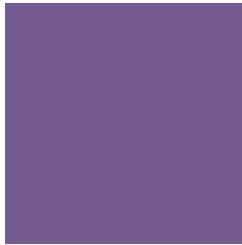
23.6456, 42.3031, 1.2547



2.4064, 4.4759, -1.1962

Previews

White Background



This preview shows how the HunterLab color 36.0673, 15.1596, -20.2287 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 36.0673, 15.1596, -20.2287 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

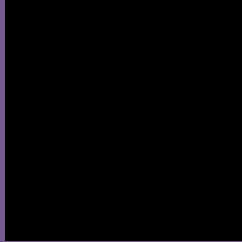
Any Text WCAG AA × Fail

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 36.0673, 15.1596, -20.2287 Background



This preview shows how black text looks on a background with the HunterLab color 36.0673, 15.1596, -20.2287.



This preview shows how white text looks on a background with the HunterLab color 36.0673, 15.1596, -20.2287.

-20.2287.

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

36.0673, 15.1596, -20.2287

Protanopia

36.1149, 4.5313, -25.7329

Deuteranopia

36.2107, 2.6341, -18.9014



Tritanopia

36.1528, 2.6360, 0.4057

Trichromacy



Original Color

36.0673, 15.1596, -20.2287

Protanomaly

36.0426, 8.0037, -23.7385

Deuteranomaly

35.9380, 7.1533, -19.9499

Tritanomaly

36.0015, 6.9272, -6.4373

Monochromacy



Original Color

36.0673, 15.1596, -20.2287

Achromatopsia

37.2064, -1.9852, 2.0215

Achromatomaly

36.6331, 3.7008, -5.1021

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.0673, 15.1596, -20.2287 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(116, 90, 143)` looks like.

```
.text, #text, p{  
    color:rgb(116, 90, 143)  
}
```

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(116, 90, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 90, 143) }
```

Border

The CSS property to change the border of an element to HunterLab 36.0673, 15.1596, -20.2287 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(116, 90, 143) }
```


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

```
.border{ border-color:rgb(116, 90, 143) }
```

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

Here you see how a box with a 4 pixel rgb(116, 90, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 90, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 90, 143);  
box-shadow:4px 4px 4px 4px rgb(116, 90,  
143) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.0673, 15.1596, -20.2287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 90, 143) }
```

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

```
.background{ background-color: rgb(116, 90,  
143) }
```

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