

Converting Colors

HunterLab(17.6179, 40.0953,
-65.7408)

Have a look what the booklet for
HunterLab(17.6179, 40.0953,
-65.7408) contains.

HunterLab(17.5752, 40.0508, -65.7956)	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(17.5752, 40.0508,
-65.7956)**

Conversions

Conversions Part 1	
Format	Color
Hex	470087
RGB	71, 0, 135
RGB Percent	28%, 0%, 53%
CMY	0.7216, 1.0000, 0.4706
CMYK	0.47, 1.00, 0.00, 0.47
HSL	272°, 100%, 26%
HSV	272°, 100%, 53%
XYZ	6.9717, 3.0889, 23.1505
YIQ	36.6190, -1.0190, 57.0370

Conversions

Conversions Part 2

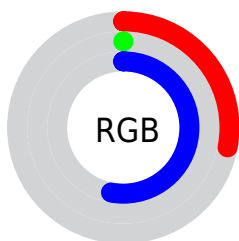
Format	Color
RYB	71, 0, 135
Decimal	4653191
CIELab	20.40, 52.42, -56.62
CIELCh	20, 77.158, 312.796
Yxy	3.0890, 0.2099, 0.0930
Android (android.graphics.Color)	4282843271 (0xFF470087)
YUV	36.6190, 48.5018, 30.1521
Hunter-Lab	17.5752, 40.0508, -65.7956

Details

The HunterLab color **17.5752, 40.0508, -65.7956** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **42.9161, -30.2737, 25.9147**, and the grayscale version is **13.3304, -0.7113, 0.7243**.

A 20% lighter version of the original color is **33.9465, 43.6898, -62.4047**, and **8.4750, 22.0662, -53.0694** is the 20% darker color. If you saturate the color by 10%, you get **17.5755, 40.0512, -65.7943**, and if you desaturate by 10%, it is **19.0910, 37.8072, -58.7615**.

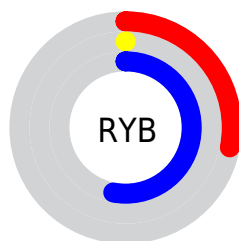
Distribution



Red (28%)

Green (0%)

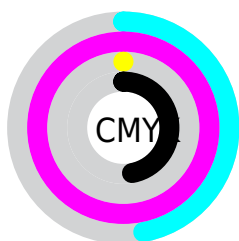
Blue (53%)



Red (28%)

Yellow (0%)

Blue (53%)

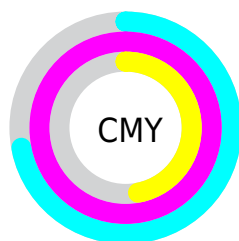


Cyan (47%)

Magenta (100%)

Yellow (0%)

Black (47%)



Cyan (72%)







Magenta (100%)

Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 17.5752, 40.0508, -65.7956 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 17.5752, 40.0508, -65.7956 by changing the saturation by 10% instead.


 17.5752, 40.0508, -65.7956	 17.5752, 40.0508, -65.7956
 113.7410, 55.1575, -67.1945	 10.8553, 38.4038, -71.5896
 33.8996, 43.9965, -62.9619	 2.0960, 117.1186, -234.0412
 43.3046, 45.9042, -63.0181	0.0000, INF, -NF
	0.0000, NaN, -NF
 53.4473, 47.7094, -63.4486	0.0000, NaN, -NF
	0.0000, NaN, NaN
 64.2776, 49.4051, -64.0790	0.0000, NaN, NaN
	0.0000, NaN, NaN
 75.7543, 50.9928, -64.8140	0.0000, NaN, NaN
	0.0000, NaN, NaN
 87.8428, 52.4770,	


-65.5985


0.0000, NaN, NaN


 100.5136, 53.8633,
-66.3990


 17.5752, 40.0508,
-65.7956


 17.5752, 40.0508,
-65.7956

 17.5755, 40.0512,
-65.7943

 19.0910, 37.8072,
-58.7615

 20.9973, 34.6948,
-51.1784

 23.4193, 30.5490,
-43.0650

 26.2816, 25.8637,
-35.0632

 29.5076, 20.9770,
-27.5074

■ 33.0317, 16.0759,
-20.5080

■ 36.8013, 11.2471,
-14.0553

■ 40.7759, 6.5209,
-8.0893

■ 44.9242, 1.8997,
-2.5363

Harmonies

Analogous

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



17.5755, 9.9051, -108.3497



17.5752, 40.0508, -65.7956



17.5755, 63.9260, -16.4703

Triad

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



17.5755, 40.0512, -65.7943



17.5755, 14.0594, 12.3029



17.5755, -27.6146, -11.0657

Complementary

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



17.5752, 40.0508, -65.7956



42.9161, -30.2737, 25.9147

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.



17.5755, -27.2337, 9.3913



17.5752, 40.0508, -65.7956



17.5755, -9.6598, 12.3029

Square

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



17.5755, 40.0512, -65.7943



17.5755, 44.3971, 12.3029



17.5755, -21.9539, 12.3029



17.5755, -22.9970, -57.8425

Rectangle

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



17.5752, 40.0508, -65.7956



17.5755, 68.1264, 2.8779



17.5755, -21.9539, 12.3029



17.5755, -28.0669, -1.2094

Sweetspot

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



17.5755, 40.0512, -65.7943



48.8997, 15.4809, -19.3676



23.5768, 6.2705, -43.0051



22.6279, 8.5861, -10.8152



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



17.5755, 40.0512, -65.7943



23.3149, 53.3632, -89.0855



26.1486, 51.2300, -33.1006



21.5780, 0.7116, -0.9815



16.9009, 38.4872, -63.0615



1.1934, 2.5120, -2.8585

Inverse Universe

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



23.4969, 41.8144, 2.9725



31.3929, 55.7709, 4.7076



41.6329, -35.6579, 24.9377



21.7319, 1.0473, 0.6541



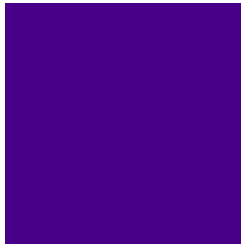
22.5694, 40.1748, 2.7697



1.3822, 2.5587, -0.5926

Previews

White Background



This preview shows how the HunterLab color 17.5752, 40.0508, -65.7956 looks on a white background.

Color Contrast Check

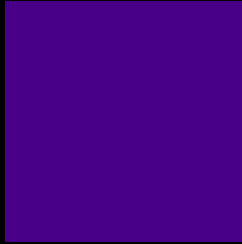
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the HunterLab color 17.5752, 40.0508, -65.7956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

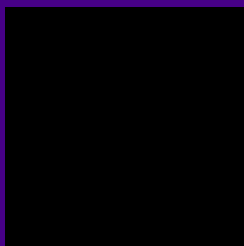
Any Text WCAG AA × Fail

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 17.5752, 40.0508, -65.7956 Background



This preview shows how black text looks on a background with the HunterLab color 17.5752, 40.0508, -65.7956.



This preview shows how white text looks on a background with the HunterLab color 17.5752, 40.0508, -65.7956.

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

17.5752, 40.0508, -65.7956

Protanopia

18.5181, 4.5856, -33.0449

Deuteranopia

18.4690, -0.9010, -21.1397



Tritanopia

18.8293, -0.9389, -0.6027

Trichromacy



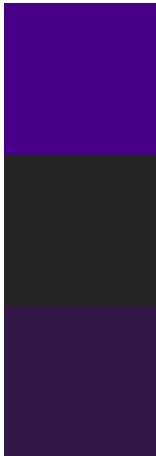
Original Color
17.5752, 40.0508, -65.7956

Protanomaly
15.9279, 18.6721, -52.5048

Deuteranomaly
15.6409, 14.9091, -43.8812

Tritanomaly
16.4301, 14.2332, -20.6404

Monochromacy



Original Color
17.5752, 40.0508, -65.7956

Achromatopsia
13.6016, -0.7257, 0.7390

Achromatomaly
13.3689, 13.9343, -19.4730

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.5752, 40.0508, -65.7956 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(71, 0, 135)` looks like.

```
.text, #text, p{  
    color:rgb(71, 0, 135)  
}
```

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(71, 0, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 0, 135) }
```

Border

The CSS property to change the border of an element to HunterLab 17.5752, 40.0508, -65.7956 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(71, 0, 135) }
```


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

```
.border{ border-color:rgb(71, 0, 135) }
```

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

Here you see how a box with a 4 pixel rgb(71, 0, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 0, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 0, 135);  
box-shadow:4px 4px 4px 4px rgb(71, 0, 135)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.5752, 40.0508, -65.7956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 0, 135) }
```

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

```
.background{ background-color: rgb(71, 0,  
135) }
```

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