

Converting Colors

HunterLab(17.4976, 40.4023,
-69.6000)

Have a look what the booklet for
HunterLab(17.4976, 40.4023,
-69.6000) contains.

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Color

**HunterLab(17.5041, 40.4591,
-69.9505)**

Conversions

Conversions Part 1

Format	Color
Hex	44008A
RGB	68, 0, 138
RGB Percent	27%, 0%, 54%
CMY	0.7333, 1.0000, 0.4588
CMYK	0.51, 1.00, 0.00, 0.46
HSL	270°, 100%, 27%
HSV	270°, 100%, 54%
XYZ	6.9714, 3.0639, 24.2688
YIQ	36.0640, -3.7700, 57.3340

Conversions

Conversions Part 2

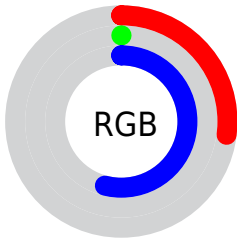
Format	Color
R_{YB}	68, 0, 138
Decimal	4456586
CIE _{Lab}	20.30, 52.84, -58.68
CIE _{LCh}	20, 78.964, 312.003
Yxy	3.0641, 0.2032, 0.0893
Android (android.graphics.Color)	4282646666 (0xFF44008A)
YUV	36.0640, 50.2544, 28.0079
Hunter-Lab	17.5041, 40.4591, -69.9505

Details

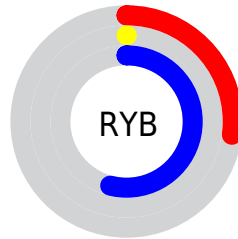
The HunterLab color **17.5041, 40.4591, -69.9505** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **44.1351, -30.2643, 26.6660**, and the grayscale version is **13.1489, -0.7016, 0.7144**.

A 20% lighter version of the original color is **33.8259, 44.7562, -66.8053**, and **8.4494, 22.6137, -57.6689** is the 20% darker color. If you saturate the color by 10%, you get **17.5044, 40.4596, -69.9490**, and if you desaturate by 10%, it is **19.0780, 38.1308, -62.3028**.

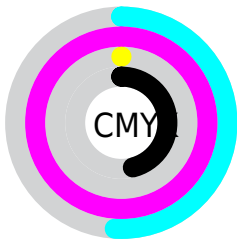
Distribution



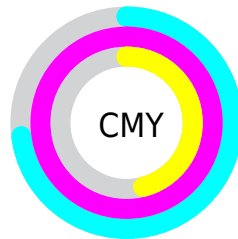
- Red (27%)
- Green (0%)
- Blue (54%)



- Red (27%)
- Yellow (0%)
- Blue (54%)



- Cyan (51%)
- Magenta (100%)
- Yellow (0%)
- Black (46%)



- Cyan (73%)
- Magenta (100%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.5041, 40.4591, -69.9505 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 17.5041, 40.4591, -69.9505 by changing the saturation by 10% instead.

17.5041, 40.4591,
-69.9505

17.5041, 40.4591,
-69.9505

113.6085, 55.6815,
-70.5183

10.7947, 38.8278,
-76.5839

33.8111, 44.4181,
-66.4969

1.8182, 136.0429,
-288.7694

43.2086, 46.3389,
-66.4302

0.0000, INF, -NF

0.0000, NaN, -NF

53.3443, 48.1585,
-66.7917

0.0000, NaN, -NF

64.1680, 49.8692,
-67.3863

0.0000, NaN, NaN

75.6385, 51.4720,
-68.1073

0.0000, NaN, NaN

0.0000, NaN, NaN

87.7212, 52.9713,

-68.8925

0.0000, NaN, NaN

100.3864, 54.3725,
-69.7041

17.5041, 40.4591,
-69.9505

17.5041, 40.4591,
-69.9505

17.5044, 40.4596,
-69.9490

19.0780, 38.1308,
-62.3028

21.0728, 34.8963,
-54.0565

23.6065, 30.6316,
-45.3087

26.5957, 25.8574,
-36.7626

29.9582, 20.9160,
-28.7608

■ 33.6245, 15.9879,
-21.3992

■ 37.5402, 11.1515,
-14.6485

■ 41.6636, 6.4299,
-8.4319

■ 45.9629, 1.8205,
-2.6628

Harmonies

Analogous

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



17.5044, 9.4317, -113.7614



17.5041, 40.4591, -69.9505



17.5044, 65.6407, -18.0843

Triad

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



17.5044, 40.4596, -69.9490



17.5044, 15.2367, 12.2531



17.5044, -28.0795, -10.4806

Complementary

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



17.5041, 40.4591, -69.9505



44.1351, -30.2643, 26.6660

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.



17.5044, -27.5474, 9.7429



17.5041, 40.4591, -69.9505



17.5044, -9.3387, 12.2531

Square

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



17.5044, 40.4596, -69.9490



17.5044, 46.5768, 12.2531



17.5044, -22.0061, 12.2531



17.5044, -23.4596, -58.6375

Rectangle

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



17.5041, 40.4591, -69.9505



17.5044, 70.4783, 2.3828



17.5044, -22.0061, 12.2531



17.5044, -28.4972, -0.6090

Sweetspot

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



17.5044, 40.4596, -69.9490



49.4982, 15.2126, -20.0005



25.2582, 4.2769, -40.8032



22.5350, 8.3027, -10.9801



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.



17.5044, 40.4596, -69.9490



23.0375, 53.4920, -93.9466



26.5409, 52.3657, -36.4431



22.3726, 0.6926, -1.0582



16.7868, 38.7698, -66.8416



1.6551, 3.5097, -4.1649

Inverse Universe

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



24.1774, 43.2333, 1.4466



32.0494, 57.2175, 2.6325



42.6520, -36.4846, 25.6432



22.5569, 1.1347, 0.5911



23.1569, 41.4202, 1.2942



1.9642, 3.6523, -0.9681

Previews

White Background



This preview shows how the HunterLab color 17.5041, 40.4591, -69.9505 looks on a white background.

Color Contrast Check

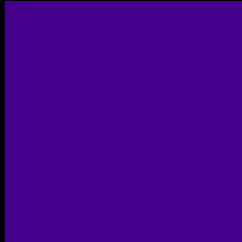
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.5041, 40.4591, -69.9505 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

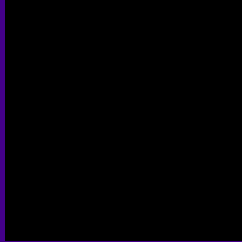
Any Text WCAG AA × Fail

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 17.5041, 40.4591, -69.9505 Background



This preview shows how black text looks on a background with the HunterLab color 17.5041, 40.4591, -69.9505.



This preview shows how white text looks on a background with the HunterLab color 17.5041, 40.4591, -69.9505.

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

17.5041, 40.4591, -69.9505

Protanopia

18.4615, 4.2921, -32.3407

Deuteranopia

18.4219, -1.1591, -20.5235



Tritanopia

18.7129, -2.5562, -1.1971

Trichromacy



Original Color

17.5041, 40.4591, -69.9505

Protanomaly

15.9615, 18.8960, -53.4996

Deuteranomaly

15.5995, 14.8066, -44.0513

Tritanomaly

16.0906, 13.5588, -23.0726

Monochromacy



Original Color

17.5041, 40.4591, -69.9505

Achromatopsia

13.2823, -0.7087, 0.7217

Achromatomaly

13.1233, 14.1387, -20.1439

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.5041, 40.4591, -69.9505 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(68, 0, 138)` looks like.

```
.text, #text, p{  
    color:rgb(68, 0, 138)  
}
```

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(68, 0, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 0, 138) }
```

Border

The CSS property to change the border of an element to HunterLab 17.5041, 40.4591, -69.9505 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(68, 0, 138) }
```


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

```
.border{ border-color:rgb(68, 0, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 0, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 0, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 0, 138);  
box-shadow:4px 4px 4px 4px rgb(68, 0, 138)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.5041, 40.4591, -69.9505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 0, 138) }
```

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

```
.background{ background-color: rgb(68, 0,  
138) }
```

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](#).

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