

Converting Colors

HunterLab(40.3082, 55.7018,
-54.7076)

Have a look what the booklet for
HunterLab(40.3082, 55.7018,
-54.7076) contains.

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Color

**HunterLab(40.2017, 55.7781,
-54.8405)**

Conversions

Conversions Part 1

Format	Color
Hex	A840C8
RGB	168, 64, 200
RGB Percent	66%, 25%, 78%
CMY	0.3412, 0.7490, 0.2157
CMYK	0.16, 0.68, 0.00, 0.22
HSL	286°, 55%, 52%
HSV	286°, 68%, 78%
XYZ	28.4072, 16.1618, 56.2659
YIQ	110.6000, 18.3280, 64.3440

Conversions

Conversions Part 2

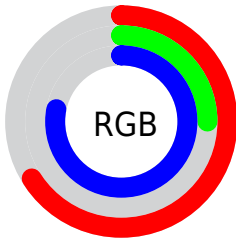
Format	Color
R_{YB}	168, 64, 200
Decimal	11026632
CIE _{Lab}	47.19, 61.94, -51.55
CIE _{LCh}	47, 80.588, 320.232
Yxy	16.1624, 0.2817, 0.1603
Android (android.graphics.Color)	4289216712 (0xFFA840C8)
YUV	110.6000, 44.0742, 50.3398
Hunter-Lab	40.2017, 55.7781, -54.8405

Details

The HunterLab color $40.2017, 55.7781, -54.8405$ is a dark color, and the websafe version is hex $9933CC$. The color can be described as middle muted purple. A complement of this color would be $66.4574, -45.3812, 35.8284$, and the grayscale version is $39.5498, -2.1103, 2.1488$.

A 20% lighter version of the original color is $60.4834, 59.4546, -54.4306$, and $23.4288, 48.8480, -52.4993$ is the 20% darker color. If you saturate the color by 10%, you get $37.1344, 62.3544, -63.2725$, and if you desaturate by 10%, it is $44.0027, 47.7959, -45.6771$.

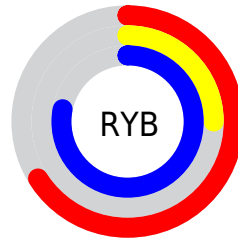
Distribution



Red (66%)

Green (25%)

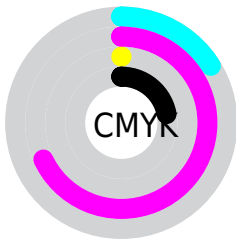
Blue (78%)



Red (66%)

Yellow (25%)

Blue (78%)

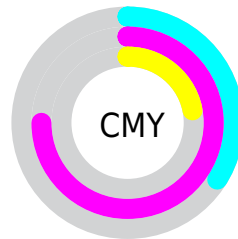


Cyan (16%)

Magenta (68%)

Yellow (0%)

Black (22%)



Cyan (34%)

Magenta (75%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.2017, 55.7781, -54.8405 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 40.2017, 55.7781, -54.8405 by changing the saturation by 10% instead.

40.2017, 55.7781, -54.8405

40.2017, 55.7781, -54.8405

151.7558, 71.3655, -61.0309

31.0470, 53.6138, -54.6755

60.7289, 59.9094, -55.9830

22.7165, 51.4833, -55.1774

72.0021, 61.8336, -56.7147

15.3025, 49.6221, -57.1487

83.8976, 63.6567, -57.4757

8.9198, 48.9472, -63.1254

96.3845, 65.3807, -58.2373

0.0000, INF, -NF

0.0000, NaN, -NF

109.4359, 67.0092, -58.9824

0.0000, NaN, NaN

123.0283, 68.5465,

0.0000, NaN, NaN

-59.7003

137.1412, 69.9971,
-60.3845

■ 40.2017, 55.7781,
-54.8405

■ 40.2017, 55.7781,
-54.8405

■ 37.1344, 62.3544,
-63.2725

■ 44.0027, 47.7959,
-45.6771

■ 34.8607, 66.8448,
-70.2853

■ 48.4431, 39.0388,
-36.3453

■ 33.3403, 68.9338,
-75.4236

■ 53.4285, 29.9573,
-27.1918

■ 33.0710, 69.2443,
-76.3757

■ 58.8733, 20.8263,
-18.3886

■ 64.7054, 11.7913,
-9.9930

■ 70.8663, 2.9159,
-1.9990

■ 77.3094, -5.7822,
5.6290

■ 83.9972, -14.3094,
12.9374

■ 90.8998, -22.6827,
19.9731

Harmonies

Analogous

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



40.2025, 21.0059, -98.0425



40.2017, 55.7781, -54.8405



40.2025, 76.6114, -8.8615

Triad

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



40.2025, 55.7771, -54.8387



40.2025, 8.6497, 27.9421



40.2025, -44.6447, -23.2586

Complementary

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



40.2017, 55.7781, -54.8405



66.4574, -45.3812, 35.8284

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.



40.2025, -46.1072, 10.7853



40.2017, 55.7781, -54.8405



40.2025, -21.0156, 27.5499

Square

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



40.2025, 55.7771, -54.8387



40.2025, 44.3765, 26.0578



40.2025, -38.9032, 24.3474



40.2025, -34.0094, -72.0236

Rectangle

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



40.2017, 55.7781, -54.8405



40.2025, 76.4696, 11.1335



40.2025, -38.9032, 24.3474



40.2025, -46.0645, -9.4453

Sweetspot

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



40.2025, 55.7771, -54.8387



83.3429, 18.2191, -15.6293



37.4115, 15.2021, -63.2811



37.5378, 9.9943, -8.6787

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



40.2025, 55.7771, -54.8387



47.1800, 85.4985, -88.3223



43.2433, 58.6272, -21.7917



32.6895, 1.9290, -1.4383



26.4509, 55.3220, -60.6123



6.0222, 12.3980, -12.2688

Inverse Universe

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



40.9771, 49.2352, 10.0991



49.0247, 75.4427, 18.4076



65.7881, -47.3691, 29.2945



32.6759, 1.4565, 1.8526



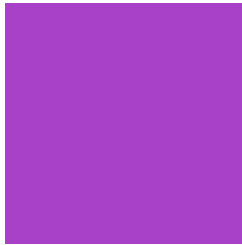
28.1961, 48.7921, 14.3012



6.2298, 10.9641, 1.7351

Previews

White Background



This preview shows how the HunterLab color 40.2017, 55.7781, -54.8405 looks on a white background.

Color Contrast Check

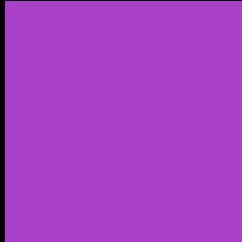
Large Text (above 18pt) WCAG AA ✓ Pass

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 40.2017, 55.7781, -54.8405 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

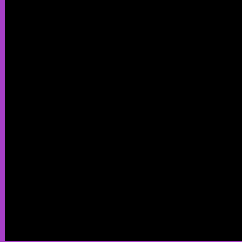
Any Text WCAG AA × Fail

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 40.2017, 55.7781, -54.8405 Background



This preview shows how black text looks on a background with the HunterLab color 40.2017, 55.7781, -54.8405.



This preview shows how white text looks on a background with the HunterLab color 40.2017, 55.7781, -54.8405.

-54.8405.

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

40.2017, 55.7781, -54.8405

Protanopia

40.5442, 15.5391, -84.2211

Deuteranopia

40.4772, 3.6242, -47.1937



Tritanopia

40.0421, 18.4887, 5.9973

Trichromacy



Original Color

40.2017, 55.7781, -54.8405



Protanomaly

37.0956, 24.2844, -83.8314



Deuteranomaly

38.1658, 20.4526, -55.4127



Tritanomaly

39.4291, 30.8483, -11.3203

Monochromacy



Original Color

40.2017, 55.7781, -54.8405



Achromatopsia

39.8699, -2.1274, 2.1662



Achromatomaly

38.5929, 17.9193, -15.8286

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.2017, 55.7781, -54.8405 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(168, 64, 200)` looks like.

```
.text, #text, p{  
    color:rgb(168, 64, 200)  
}
```

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(168, 64, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 64, 200) }
```

Border

The CSS property to change the border of an element to HunterLab 40.2017, 55.7781, -54.8405 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(168, 64, 200) }
```


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

```
.border{ border-color:rgb(168, 64, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 64, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 64, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 64, 200);  
box-shadow:4px 4px 4px 4px rgb(168, 64,  
200) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.2017, 55.7781, -54.8405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 64, 200) }
```

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

```
.background{ background-color: rgb(168, 64,  
200) }
```

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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