

Converting Colors

HunterLab(40.5791, 18.8687,
-39.3272)

Have a look what the booklet for
HunterLab(40.5791, 18.8687,
-39.3272) contains.

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Color

**HunterLab(40.5791, 18.8687,
-39.3272)**

Conversions

Conversions Part 1

Format	Color
Hex	7565B6
RGB	117, 101, 182
RGB Percent	46%, 40%, 71%
CMY	0.5412, 0.6039, 0.2863
CMYK	0.36, 0.45, 0.00, 0.29
HSL	252°, 36%, 55%
HSV	252°, 45%, 71%
XYZ	20.4333, 16.4666, 46.3573
YIQ	115.0180, -16.4650, 28.5830

Conversions

Conversions Part 2

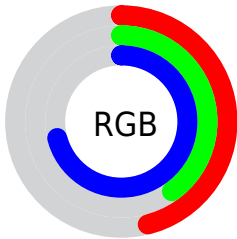
Format	Color
R_{YB}	117, 101, 182
Decimal	7693750
CIE _{Lab}	47.58, 25.47, -40.84
CIE _{LCh}	48, 48.128, 301.955
Yxy	16.4672, 0.2454, 0.1978
Android (android.graphics.Color)	4285883830 (0xFF7565B6)
YUV	115.0180, 33.0221, 1.7382
Hunter-Lab	40.5791, 18.8687, -39.3272

Details

The HunterLab color $40.5791, 18.8687, -39.3272$ is a dark color, and the websafe version is hex $6666CC$. A complement of this color would be $65.1941, -18.8000, 28.6458$, and the grayscale version is $41.2946, -2.2034, 2.2436$.

A 20% lighter version of the original color is $61.1557, 20.4527, -40.3793$, and $23.0506, 16.9346, -38.9209$ is the 20% darker color. If you saturate the color by 10%, you get $35.1877, 24.8943, -52.4518$, and if you desaturate by 10%, it is $46.3607, 13.2725, -27.7990$.

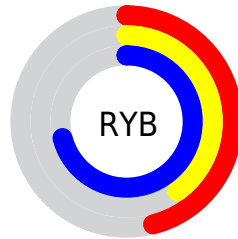
Distribution



Red (46%)

Green (40%)

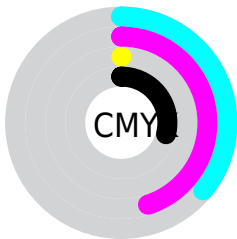
Blue (71%)



Red (46%)

Yellow (40%)

Blue (71%)

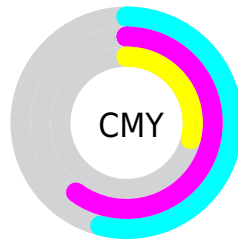


Cyan (36%)

Magenta (45%)

Yellow (0%)

Black (29%)



Cyan (54%)

Magenta (60%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.5791, 18.8687, -39.3272 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 40.5791, 18.8687, -39.3272 by changing the saturation by 10% instead.

■ 40.5791, 18.8687, -39.3272

■ 40.5791, 18.8687, -39.3272

■ 152.3428, 22.8609, -44.5846

■ 31.3933, 17.9606, -38.7958

■ 61.1617, 20.3357, -40.6463

■ 23.0286, 16.9155, -38.5422

■ 72.4601, 20.9205, -41.3199

■ 15.5763, 15.7181, -38.9613

■ 84.3795, 21.4194, -41.9685

■ 9.1615, 14.3977, -41.2573

■ 96.8891, 21.8404, -42.5809

0.0000, INF, -NF

0.0000, NaN, -NF

■ 109.9623, 22.1899, -43.1509

0.0000, NaN, -NF

■ 123.5757, 22.4734,

0.0000, NaN, NaN

-43.6756

0.0000, NaN, NaN

137.7087, 22.6957,
-44.1536

■ 40.5791, 18.8687,
-39.3272

■ 40.5791, 18.8687,
-39.3272

■ 35.1877, 24.8943,
-52.4518

■ 46.3607, 13.2725,
-27.7990

■ 30.2937, 31.3405,
-67.4016

■ 52.4535, 8.0449,
-17.5619

■ 26.0515, 37.9903,
-84.0040

■ 58.8040, 3.1125,
-8.3328

■ 22.6598, 44.1817,
-101.0613

■ 65.3727, -1.5908,
0.1162

■ 20.3213, 48.6745,
-115.7493

■ 72.1306, -6.1188,
7.9616

■ 19.3692, 50.6068,
-122.6494

■ 79.0552, -10.5140,
15.3380

■ 86.1292, -14.8093,
22.3479

■ 93.3388, -19.0301,
29.0697

■ 97.4348, -18.3215,
32.7878

Harmonies

Analogous

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



40.5798, -0.9229, -49.6187



40.5791, 18.8687, -39.3272



40.5798, 35.0628, -17.5931

Triad

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



40.5798, 18.8685, -39.3260



40.5798, 16.3332, 22.3856



40.5798, -32.4276, 1.0143

Complementary

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



40.5791, 18.8687, -39.3272



65.1941, -18.8000, 28.6458

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.



40.5798, -29.4744, 15.3134



40.5791, 18.8687, -39.3272



40.5798, -3.3971, 23.7751

Square

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



40.5798, 18.8685, -39.3260



40.5798, 33.4210, 16.5555



40.5798, -19.6350, 21.9332



40.5798, -28.5847, -20.6239

Rectangle

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



40.5791, 18.8687, -39.3272



40.5798, 40.3539, -2.9231



40.5798, -19.6350, 21.9332



40.5798, -32.1988, 6.7473

Sweetspot

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



40.5798, 18.8685, -39.3260



80.2985, 3.3618, -9.7053



58.1695, -16.9281, -9.5613



36.8339, 2.2510, -5.7894



96.5975, -5.1542, 5.2483



43.2801, -2.3093, 2.3515

Same Dimension

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



40.5798, 18.8685, -39.3260



47.8031, 33.0091, -69.4821



44.4838, 29.9973, -31.0507



29.6692, 0.3150, -1.8549



16.3468, 42.5845, -102.5368



3.4617, 8.3571, -16.5904

Inverse Universe

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



46.9106, 35.2115, -16.0740



58.5403, 58.0456, -26.2117



62.3546, -29.6027, 26.1971



30.2184, 2.0697, -0.3161



29.1534, 54.9893, -20.4103



5.5452, 10.5767, -4.7917

Previews

White Background



This preview shows how the HunterLab color 40.5791, 18.8687, -39.3272 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 40.5791, 18.8687, -39.3272 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

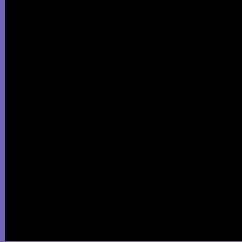
Any Text WCAG AA × Fail

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 40.5791, 18.8687, -39.3272 Background



This preview shows how black text looks on a background with the HunterLab color 40.5791, 18.8687, -39.3272.



This preview shows how white text looks on a background with the HunterLab color 40.5791, 18.8687, -39.3272.

-39.3272.

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

40.5791, 18.8687, -39.3272

Protanopia

40.7133, 8.5654, -46.5431

Deuteranopia

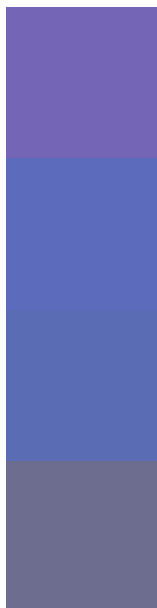
40.6949, 3.1029, -37.0049



Tritanopia

40.5065, -3.4577, -2.5291

Trichromacy



Original Color

40.5791, 18.8687, -39.3272

Protanomaly

40.5874, 11.8683, -44.2827

Deuteranomaly

40.5046, 8.1033, -38.1056

Tritanomaly

40.2518, 4.1017, -13.9905

Monochromacy



Original Color

40.5791, 18.8687, -39.3272

Achromatopsia

41.4054, -2.2093, 2.2496

Achromatomaly

40.9010, 4.5286, -10.1257

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.5791, 18.8687, -39.3272 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(117, 101, 182)` looks like.

```
.text, #text, p{  
    color:rgb(117, 101, 182)  
}
```

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(117, 101, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 101, 182) }
```

Border

The CSS property to change the border of an element to HunterLab 40.5791, 18.8687, -39.3272 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(117, 101, 182) }
```


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

```
.border{ border-color:rgb(117, 101, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 101, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 101, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 101, 182);  
box-shadow:4px 4px 4px 4px rgb(117, 101,  
182) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.5791, 18.8687, -39.3272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 101, 182) }
```

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

```
.background{ background-color: rgb(117,  
101, 182) }
```

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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