

Converting Colors

HunterLab(20.2154, 15.6720,
-47.1651)

Have a look what the booklet for
HunterLab(20.2154, 15.6720,
-47.1651) contains.

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Color

**HunterLab(20.2577, 15.5667,
-47.0158)**

Conversions

Conversions Part 1

Format	Color
Hex	273080
RGB	39, 48, 128
RGB Percent	15%, 19%, 50%
CMY	0.8470, 0.8118, 0.4980
CMYK	0.70, 0.63, 0.00, 0.50
HSL	234°, 53%, 33%
HSV	234°, 70%, 50%
XYZ	5.7899, 4.1037, 20.9090
YIQ	54.4290, -31.0440, 22.9720

Conversions

Conversions Part 2

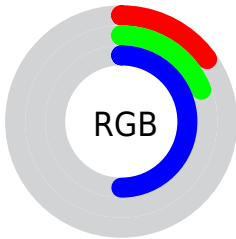
Format	Color
R_{YB}	39, 47, 128
Decimal	2568320
CIE _{Lab}	24.01, 24.27, -46.40
CIE _{LCh}	24, 52.366, 297.614
Yxy	4.1038, 0.1880, 0.1332
Android (android.graphics.Color)	4280758400 (0xFF273080)
YUV	54.4290, 36.2705, -13.5312
Hunter-Lab	20.2577, 15.5667, -47.0158

Details

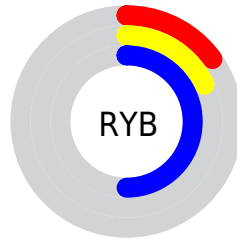
The HunterLab color **20.2577, 15.5667, -47.0158** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **42.3446, -7.2218, 23.2779**, and the grayscale version is **19.2410, -1.0267, 1.0454**.

A 20% lighter version of the original color is **37.2419, 17.6019, -47.2001**, and **8.1154, 17.2383, -47.3561** is the 20% darker color. If you saturate the color by 10%, you get **17.5291, 19.9695, -57.9246**, and if you desaturate by 10%, it is **23.3744, 11.7302, -37.1929**.

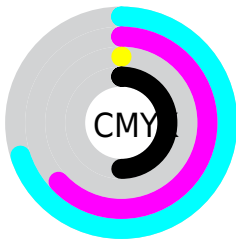
Distribution



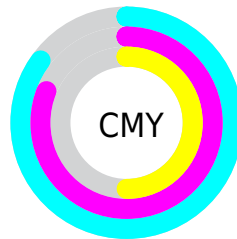
- Red (15%)
- Green (19%)
- Blue (50%)



- Red (15%)
- Yellow (18%)
- Blue (50%)



- Cyan (70%)
- Magenta (63%)
- Yellow (0%)
- Black (50%)



- Cyan (85%)
- Magenta (81%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.2577, 15.5667, -47.0158 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 20.2577, 15.5667, -47.0158 by changing the saturation by 10% instead.

■ 20.2577, 15.5667,
-47.0158

■ 20.2577, 15.5667,
-47.0158

■ 118.6554, 20.9699,
-51.6358

■ 13.1599, 14.3706,
-48.7585

■ 37.2107, 17.5042,
-46.9522

■ 6.6643, 15.8388,
-59.4560

■ 46.8889, 18.2765,
-47.4922

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 57.2855, 18.9391,
-48.1576

0.0000, NaN, -NF

■ 68.3538, 19.5045,
-48.8728

0.0000, NaN, NaN

■ 80.0553, 19.9827,
-49.5970

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 92.3575, 20.3819,

-50.3069

0.0000, NaN, NaN

105.2323, 20.7091,
-50.9891

■ 20.2577, 15.5667,
-47.0158

■ 20.2577, 15.5667,
-47.0158

■ 17.5291, 19.9695,
-57.9246

■ 23.3744, 11.7302,
-37.1929

■ 15.3033, 24.7242,
-69.2594

■ 26.7899, 8.4487,
-28.5416

■ 13.6481, 29.1370,
-79.7975

■ 30.4407, 5.6386,
-20.9206

■ 13.5822, 29.3180,
-80.2657

■ 34.2817, 3.2061,
-14.1396

■ 38.2807, 1.0700,
-8.0231

■ 42.4141, -0.8344,
-2.4270

■ 46.6642, -2.5570,
2.7617

■ 51.0174, -4.1359,
7.6306

■ 55.4631, -5.6003,
12.2468

Harmonies

Analogous

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



20.2580, -2.3687, -56.9254



20.2577, 15.5667, -47.0158



20.2580, 32.7137, -22.2130

Triad

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



20.2580, 15.5675, -47.0152



20.2580, 18.5613, 14.1806



20.2580, -23.8321, 2.3036

Complementary

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



20.2577, 15.5667, -47.0158



42.3446, -7.2218, 23.2779

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.



20.2580, -21.3202, 11.4485



20.2577, 15.5667, -47.0158



20.2580, 0.2377, 14.1806

Square

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



20.2580, 15.5675, -47.0152



20.2580, 34.7915, 10.6196



20.2580, -13.6469, 14.1806



20.2580, -22.0285, -18.1282

Rectangle

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



20.2577, 15.5667, -47.0158



20.2580, 39.4612, -6.3816



20.2580, -13.6469, 14.1806



20.2580, -23.4883, 6.5069

Sweetspot

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



20.2580, 15.5675, -47.0152



49.7418, 1.9476, -12.1735



41.4352, -21.6633, 0.7980



23.4755, 1.2494, -6.7741



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



20.2580, 15.5675, -47.0152



21.5758, 29.8725, -84.9894



21.0500, 25.7325, -44.1001



20.6792, -0.4429, -1.0656



13.5290, 29.1780, -79.8969

0.0000, NaN, NaN

Inverse Universe

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



25.0080, 28.7647, 9.2838



30.1442, 45.0266, 15.0393



42.3775, -20.7093, 23.0642



20.8585, 0.6727, 1.4790



21.3993, 36.7813, 12.7856

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 20.2577, 15.5667, -47.0158 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 20.2577, 15.5667, -47.0158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

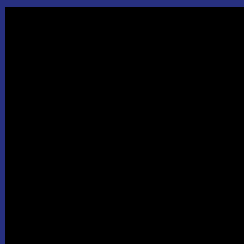
Any Text WCAG AA × Fail

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 20.2577, 15.5667, -47.0158 Background



This preview shows how black text looks on a background with the HunterLab color 20.2577, 15.5667, -47.0158.



This preview shows how white text looks on a background with the HunterLab color 20.2577, 15.5667, -47.0158.

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

20.2577, 15.5667, -47.0158

Protanopia

20.0418, 5.6921, -37.3381

Deuteranopia

20.1197, -0.9266, -23.1476



Tritanopia

20.2093, -9.9568, -3.7659

Trichromacy



Original Color

20.2577, 15.5667, -47.0158

Protanomaly

19.8238, 9.0720, -41.7279

Deuteranomaly

19.8785, 4.3795, -31.6736

Tritanomaly

19.6409, -2.2029, -17.1354

Monochromacy



Original Color

20.2577, 15.5667, -47.0158

Achromatopsia

19.2066, -1.0248, 1.0435

Achromatomaly

19.2433, 3.2410, -12.0706

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.2577, 15.5667, -47.0158 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(39, 48, 128)` looks like.

```
.text, #text, p{  
    color:rgb(39, 48, 128)  
}
```

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(39, 48, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 48, 128) }
```

Border

The CSS property to change the border of an element to HunterLab 20.2577, 15.5667, -47.0158 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(39, 48, 128) }
```


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

```
.border{ border-color:rgb(39, 48, 128) }
```

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

Here you see how a box with a 4 pixel rgb(39, 48, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 48, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 48, 128);  
box-shadow:4px 4px 4px 4px rgb(39, 48,  
128) }
```

Background

The CSS property to change the background color of an element to HunterLab 20.2577, 15.5667, -47.0158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 48, 128) }
```

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

```
.background{ background-color: rgb(39, 48,  
128) }
```

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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