

Converting Colors

HunterLab(20.2660, 39.6665,
-64.3367)

Have a look what the booklet for
HunterLab(20.2660, 39.6665,
-64.3367) contains.

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Color

**HunterLab(20.2978, 39.6046,
-63.8718)**

Conversions

Conversions Part 1

Format	Color
Hex	501190
RGB	80, 17, 144
RGB Percent	31%, 7%, 56%
CMY	0.6863, 0.9333, 0.4353
CMYK	0.44, 0.88, 0.00, 0.44
HSL	270°, 79%, 32%
HSV	270°, 88%, 56%
XYZ	8.5428, 4.1200, 26.7306
YIQ	50.3150, -3.2190, 52.8530

Conversions

Conversions Part 2

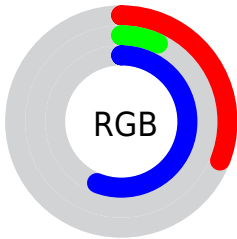
Format	Color
R_{YB}	80, 17, 144
Decimal	5247376
CIE _{Lab}	24.06, 51.28, -56.15
CIE _{LCh}	24, 76.046, 312.402
Yxy	4.1201, 0.2169, 0.1046
Android (android.graphics.Color)	4283437456 (0xFF501190)
YUV	50.3150, 46.1867, 26.0337
Hunter-Lab	20.2978, 39.6046, -63.8718

Details

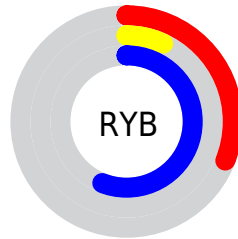
The HunterLab color **20.2978, 39.6046, -63.8718** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **46.6222, -30.0263, 27.5283**, and the grayscale version is **17.8162, -0.9506, 0.9680**.

A 20% lighter version of the original color is **37.2347, 43.7348, -62.3287**, and **9.5991, 24.4883, -56.1959** is the 20% darker color. If you saturate the color by 10%, you get **18.6458, 41.9527, -71.6776**, and if you desaturate by 10%, it is **22.4797, 36.0105, -55.1099**.

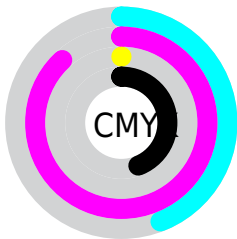
Distribution



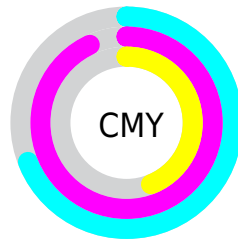
- Red (31%)
- Green (7%)
- Blue (56%)



- Red (31%)
- Yellow (7%)
- Blue (56%)



- Cyan (44%)
- Magenta (88%)
- Yellow (0%)
- Black (44%)



- Cyan (69%)
- Magenta (93%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.2978, 39.6046, -63.8718 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 20.2978, 39.6046, -63.8718 by changing the saturation by 10% instead.

20.2978, 39.6046,
-63.8718

20.2978, 39.6046,
-63.8718

118.7277, 54.1435,
-66.7389

13.1946, 37.7736,
-67.7842

37.2599, 43.5038,
-62.1531

6.7081, 41.1653,
-85.2077

46.9420, 45.3405,
-62.3946

0.0000, INF, -NF

57.3422, 47.0684,
-62.9240

0.0000, NaN, -NF

68.4139, 48.6858,
-63.6060

0.0000, NaN, -NF

80.1187, 50.1963,
-64.3652

0.0000, NaN, NaN


92.4240, 51.6054,


0.0000, NaN, NaN

0.0000, NaN, NaN

-65.1569

0.0000, NaN, NaN


 105.3018, 52.9192,
-65.9538


 20.2978, 39.6046,
-63.8718


 20.2978, 39.6046,
-63.8718


 18.6458, 41.9527,
-71.6776


 22.4797, 36.0105,
-55.1099

 18.3570, 42.4059,
-73.1675

 25.2172, 31.4149,
-45.9488

 28.4215, 26.3447,
-37.0688

 32.0073, 21.1333,
-28.7839

 35.9039, 15.9523,
-21.1690

■ 40.0560, 10.8732,
-14.1828

■ 44.4214, 5.9153,
-7.7417

■ 48.9677, 1.0735,
-1.7554

■ 53.6701, -3.6669,
3.8585

Harmonies

Analogous

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



20.2981, 9.6400, -102.8958



20.2978, 39.6046, -63.8718



20.2981, 63.0301, -16.8173

Triad

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



20.2981, 39.6053, -63.8709



20.2981, 14.5827, 14.2087



20.2981, -29.1982, -10.5608

Complementary

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



20.2978, 39.6046, -63.8718



46.6222, -30.0263, 27.5283

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.



20.2981, -28.8152, 10.3173



20.2978, 39.6046, -63.8718



20.2981, -9.9601, 14.2087

Square

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



20.2981, 39.6053, -63.8709



20.2981, 44.6179, 14.2087



20.2981, -23.5542, 14.2087



20.2981, -24.9385, -55.1037

Rectangle

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



20.2978, 39.6046, -63.8718



20.2981, 67.3012, 2.8364



20.2981, -23.5542, 14.2087



20.2981, -29.5649, -0.7940

Sweetspot

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



20.2981, 39.6053, -63.8709



54.1420, 13.3350, -17.3676



28.7416, 1.4309, -36.6946



25.0905, 7.3698, -9.6293



85.4018, -4.5568, 4.6400



33.5864, -1.7921, 1.8248

Same Dimension

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



20.2981, 39.6053, -63.8709



24.1759, 56.0920, -98.2526



28.5570, 52.3479, -36.2689



23.1907, 0.7371, -1.1103



17.1710, 39.6175, -68.0638



2.0311, 4.3037, -5.0857

Inverse Universe

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



26.3140, 43.4055, -0.5643



33.5597, 59.8695, 3.1002



44.8628, -37.3480, 26.2896



23.3807, 1.1889, 0.6173



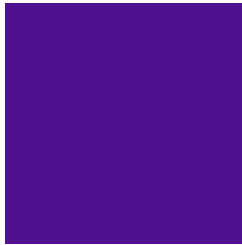
23.6262, 42.2324, 1.5319



2.4044, 4.4690, -1.1698

Previews

White Background



This preview shows how the HunterLab color 20.2978, 39.6046, -63.8718 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 20.2978, 39.6046, -63.8718 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

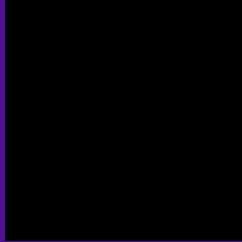
Any Text WCAG AA × Fail

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 20.2978, 39.6046, -63.8718 Background



This preview shows how black text looks on a background with the HunterLab color 20.2978, 39.6046, -63.8718.



This preview shows how white text looks on a background with the HunterLab color 20.2978, 39.6046, -63.8718.

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

20.2978, 39.6046, -63.8718

Protanopia

20.6353, 5.3478, -37.3368

Deuteranopia

20.5207, -0.5600, -24.4402



Tritanopia

20.8950, 0.2274, -0.0524

Trichromacy



Original Color

20.2978, 39.6046, -63.8718

Protanomaly

18.6431, 17.4587, -53.1542

Deuteranomaly

18.3591, 13.3483, -43.8049

Tritanomaly

19.3117, 14.0797, -18.9398

Monochromacy



Original Color

20.2978, 39.6046, -63.8718

Achromatopsia

17.8595, -0.9529, 0.9703

Achromatomaly

17.3736, 12.9309, -17.6917

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.2978, 39.6046, -63.8718 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(80, 17, 144)` looks like.

```
.text, #text, p{  
    color:rgb(80, 17, 144)  
}
```

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(80, 17, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 17, 144) }
```

Border

The CSS property to change the border of an element to HunterLab 20.2978, 39.6046, -63.8718 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(80, 17, 144) }
```


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

```
.border{ border-color:rgb(80, 17, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 17, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 17, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 17, 144);  
box-shadow:4px 4px 4px 4px rgb(80, 17,  
144) }
```

Background

The CSS property to change the background color of an element to HunterLab 20.2978, 39.6046, -63.8718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 17, 144) }
```

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

```
.background{ background-color: rgb(80, 17,  
144) }
```

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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