

Converting Colors

HunterLab(22.5396, 50.8142,
-80.1200)

Have a look what the booklet for
HunterLab(22.5396, 50.8142,
-80.1200) contains.

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Color

**HunterLab(22.5396, 50.8142,
-80.1200)**

Conversions

Conversions Part 1

Format	Color
Hex	5D00A6
RGB	93, 0, 166
RGB Percent	36%, 0%, 65%
CMY	0.6353, 1.0000, 0.3490
CMYK	0.44, 1.00, 0.00, 0.35
HSL	274°, 100%, 33%
HSV	274°, 100%, 65%
XYZ	11.3971, 5.0803, 36.4563
YIQ	46.7310, 2.1420, 71.3420

Conversions

Conversions Part 2

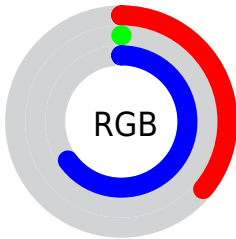
Format	Color
RYB	93, 0, 166
Decimal	6095014
CIELab	26.96, 61.38, -64.80
CIELCh	27, 89.257, 313.444
Yxy	5.0805, 0.2153, 0.0960
Android (android.graphics.Color)	4284285094 (0xFF5D00A6)
YUV	46.7310, 58.7996, 40.5779
Hunter-Lab	22.5396, 50.8142, -80.1200

Details

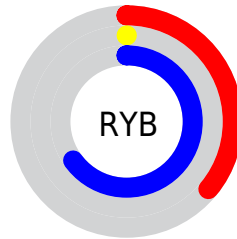
The HunterLab color **22.5396, 50.8142, -80.1200** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **53.5620, -39.1335, 32.3196**, and the grayscale version is **16.5823, -0.8848, 0.9009**.

A 20% lighter version of the original color is **39.9843, 55.0908, -76.8717**, and **12.0560, 30.5352, -68.8678** is the 20% darker color. If you saturate the color by 10%, you get **22.5400, 50.8147, -80.1184**, and if you desaturate by 10%, it is **24.2248, 48.7278, -72.5167**.

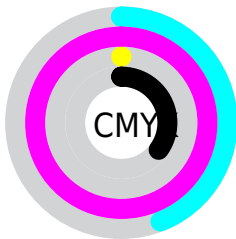
Distribution



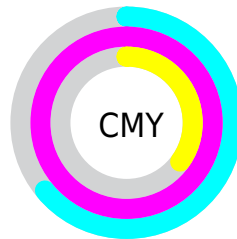
- Red (36%)
- Green (0%)
- Blue (65%)



- Red (36%)
- Yellow (0%)
- Blue (65%)



- Cyan (44%)
- Magenta (100%)
- Yellow (0%)
- Black (35%)



- Cyan (64%)
- Magenta (100%)
- Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the HunterLab color 22.5396, 50.8142, -80.1200 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 22.5396, 50.8142, -80.1200 by changing the saturation by 10% instead.

22.5396, 50.8142, -80.1200	22.5396, 50.8142, -80.1200
122.7182, 67.7568, -81.2872	15.1479, 48.9563, -85.2698
39.9890, 55.0902, -77.1475	8.7797, 48.3792, -98.4267
49.8846, 57.1871, -77.0946	0.0000, INF, -NF
60.4838, 59.1959, -77.4525	0.0000, NaN, -NF
71.7427, 61.1053, -78.0473	0.0000, NaN, -NF
83.6246, 62.9134, -78.7788	0.0000, NaN, NaN
96.0986, 64.6220,	0.0000, NaN, NaN


-79.5860

 109.1376, 66.2350,
-80.4305

 22.5396, 50.8142,
-80.1200


 22.5396, 50.8142,
-80.1200


 22.5400, 50.8147,
-80.1184

 24.2248, 48.7278,
-72.5167

 26.4865, 45.0909,
-63.6472

 29.4203, 39.9624,
-53.8758

 32.9376, 33.9964,
-44.0491

 36.9408, 27.6743,
-34.6556

■ 41.3432, 21.2785,
-25.8891

■ 46.0745, 14.9481,
-17.7718

■ 51.0797, 8.7380,
-10.2473

■ 56.3164, 2.6598,
-3.2330

Harmonies

Analogous

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



22.5400, 13.1468, -133.3108



22.5396, 50.8142, -80.1200



22.5400, 80.0579, -19.4969

Triad

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



22.5400, 50.8147, -80.1184



22.5400, 16.8154, 15.7780



22.5400, -33.7597, -14.7490

Complementary

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



22.5396, 50.8142, -80.1200



53.5620, -39.1335, 32.3196

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.



22.5400, -33.5172, 11.6581



22.5396, 50.8142, -80.1200



22.5400, -12.6732, 15.7780

Square

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



22.5400, 50.8147, -80.1184



22.5400, 54.6308, 15.7780



22.5400, -28.0174, 15.7780



22.5400, -28.9403, -73.1931

Rectangle

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



22.5396, 50.8142, -80.1200



22.5400, 84.8058, 4.1638



22.5400, -28.0174, 15.7780



22.5400, -34.2014, -2.1675

Sweetspot

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



22.5400, 50.8147, -80.1184



61.7051, 20.6092, -24.5294



27.8294, 11.4546, -59.5115



27.9480, 11.3795, -13.6630



92.0917, -4.9138, 5.0035



39.3538, -2.0998, 2.1382

Same Dimension

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



22.5400, 50.8147, -80.1184



30.1551, 68.2112, -108.9599



32.5044, 63.2275, -37.6220



27.3861, 1.0804, -1.3313



19.9191, 44.8298, -70.2114



3.5504, 7.5432, -9.0466

Inverse Universe

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



29.3053, 51.8276, 6.2134



39.4276, 69.6310, 9.1209



52.2406, -44.6720, 31.1378



27.5591, 1.4046, 0.9131



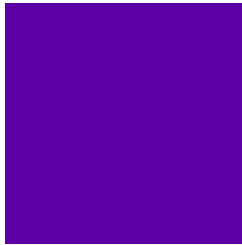
25.8238, 45.7035, 5.2174



4.1547, 7.5881, -0.9833

Previews

White Background



This preview shows how the HunterLab color 22.5396, 50.8142, -80.1200 looks on a white background.

Color Contrast Check

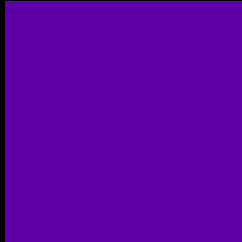
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.5396, 50.8142, -80.1200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

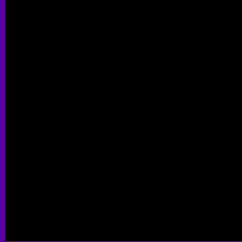
Any Text WCAG AA × Fail

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 22.5396, 50.8142, -80.1200 Background



This preview shows how black text looks on a background with the HunterLab color 22.5396, 50.8142, -80.1200.



This preview shows how white text looks on a background with the HunterLab color 22.5396, 50.8142,

-80.1200.

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

22.5396, 50.8142, -80.1200

Protanopia

23.2724, 6.8778, -43.9356

Deuteranopia

23.4887, -0.9766, -27.2507



Tritanopia

23.5847, 1.0672, -0.0151

Trichromacy



Original Color

22.5396, 50.8142, -80.1200

Protanomaly

20.0032, 24.2552, -67.8536

Deuteranomaly

19.6537, 18.8594, -55.5996

Tritanomaly

20.6593, 20.5880, -25.2644

Monochromacy



Original Color

22.5396, 50.8142, -80.1200

Achromatopsia

16.8600, -0.8996, 0.9160

Achromatomaly

16.6034, 18.5067, -23.9865

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 22.5396, 50.8142, -80.1200 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(93, 0, 166)` looks like.

```
.text, #text, p{  
    color:rgb(93, 0, 166)  
}
```

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(93, 0, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 0, 166) }
```

Border

The CSS property to change the border of an element to HunterLab 22.5396, 50.8142, -80.1200 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(93, 0, 166) }
```


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

```
.border{ border-color:rgb(93, 0, 166) }
```

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

Here you see how a box with a 4 pixel rgb(93, 0, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 0, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 0, 166);  
box-shadow:4px 4px 4px 4px rgb(93, 0, 166)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 22.5396, 50.8142, -80.1200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 0, 166) }
```

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

```
.background{ background-color: rgb(93, 0,  
166) }
```

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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