

Converting Colors

HunterLab(29.6947, 22.4280,
-80.8800)

Have a look what the booklet for
HunterLab(29.6947, 22.4280,
-80.8800) contains.

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Color

**HunterLab(29.6947, 22.4278,
-80.8812)**

Conversions

Conversions Part 1

Format	Color
Hex	1C49C0
RGB	28, 73, 192
RGB Percent	11%, 29%, 75%
CMY	0.8901, 0.7137, 0.2471
CMYK	0.85, 0.62, 0.00, 0.25
HSL	224°, 75%, 43%
HSV	224°, 85%, 75%
XYZ	12.3759, 8.8178, 50.9190
YIQ	73.1110, -65.0190, 27.4690

Conversions

Conversions Part 2

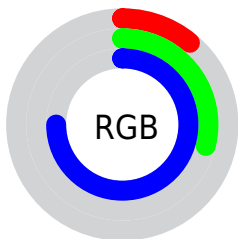
Format	Color
RYB	28, 63, 192
Decimal	1853888
CIELab	35.63, 30.88, -66.22
CIElCh	36, 73.066, 295.000
Yxy	8.8179, 0.1716, 0.1223
Android (android.graphics.Color)	4280043968 (0xFF1C49C0)
YUV	73.1110, 58.6123, -39.5623
Hunter-Lab	29.6947, 22.4278, -80.8812

Details

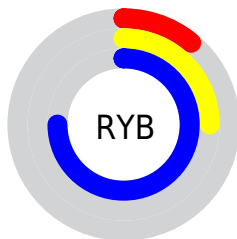
The HunterLab color **29.6947, 22.4278, -80.8812** is a dark color, and the websafe version is hex **003399**. The color can be described as dark washed blue. A complement of this color would be **56.7131, 2.6807, 33.8436**, and the grayscale version is **25.6680, -1.3696, 1.3946**.

A 20% lighter version of the original color is **48.4949, 24.6817, -79.2583**, and **16.6917, 24.3165, -73.3556** is the 20% darker color. If you saturate the color by 10%, you get **26.4526, 29.2320, -94.9639**, and if you desaturate by 10%, it is **33.4975, 16.5127, -67.3380**.

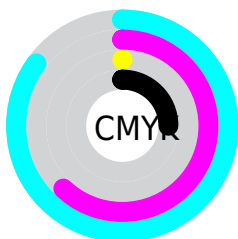
Distribution



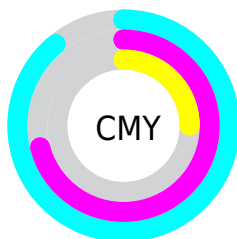
- Red (11%)
- Green (29%)
- Blue (75%)



- Red (11%)
- Yellow (25%)
- Blue (75%)



- Cyan (85%)
- Magenta (62%)
- Yellow (0%)
- Black (25%)



- Cyan (89%)
- Magenta (71%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.6947, 22.4278, -80.8812 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 29.6947, 22.4278, -80.8812 by changing the saturation by 10% instead.

■ 29.6947, 22.4278,
-80.8812

■ 29.6947, 22.4278,
-80.8812

■ 134.9125, 29.3139,
-84.4640

■ 21.5003, 21.1091,
-83.5851

■ 48.5253, 24.6621,
-79.5968

■ 14.2393, 19.6521,
-89.8259

■ 59.0335, 25.5978,
-79.8587

■ 7.8957, 19.0507,
-107.8383

■ 70.2068, 26.4288,
-80.3975

0.0000, INF, -NF

■ 82.0077, 27.1651,
-81.0986

0.0000, NaN, -NF

■ 94.4044, 27.8150,
-81.8924

0.0000, NaN, -NF

107.3696, 28.3859,

0.0000, NaN, NaN

-82.7353

0.0000, NaN, NaN

120.8794, 28.8837,
-83.5988

■ 29.6947, 22.4278,
-80.8812

■ 29.6947, 22.4278,
-80.8812

■ 26.4526, 29.2320,
-94.9639

■ 33.4975, 16.5127,
-67.3380

■ 25.1431, 32.4773,
-101.5358

■ 37.7624, 11.5801,
-54.8273

■ 42.4051, 7.5589,
-43.4644

■ 47.3585, 4.3174,
-33.1760

■ 52.5710, 1.7199,
-23.8192

■ 58.0031, -0.3526,
-15.2409

■ 63.6245, -1.9982,
-7.3020

■ 69.4114, -3.2953,
0.1157

■ 75.3454, -4.3058,
7.1093

Harmonies

Analogous

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



29.6950, -5.7882, -94.3377



29.6947, 22.4278, -80.8812



29.6950, 50.9737, -40.2053

Triad

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



29.6950, 22.4295, -80.8804



29.6950, 32.5720, 20.5658



29.6950, -36.6138, 5.4431

Complementary

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



29.6947, 22.4278, -80.8812



56.7131, 2.6807, 33.8436

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.



29.6950, -32.2820, 17.9452



29.6947, 22.4278, -80.8812



29.6950, 2.8636, 20.7865

Square

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



29.6950, 22.4295, -80.8804



29.6950, 58.0956, 15.4458



29.6950, -19.7820, 20.7865



29.6950, -34.5041, -26.0531

Rectangle

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



29.6947, 22.4278, -80.8812



29.6950, 63.1521, -13.3800



29.6950, -19.7820, 20.7865



29.6950, -35.9236, 11.4220

Sweetspot

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



29.6950, 22.4295, -80.8804



77.3268, -0.2211, -21.6389



63.2516, -41.6016, 12.9321



34.6237, 0.3254, -11.8549



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

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



29.6950, 22.4295, -80.8804



33.3119, 45.3370, -139.5067



23.8999, 47.9128, -108.1489



31.9181, -1.3406, -1.3180



20.8980, 25.8273, -81.8745



5.5502, 2.3578, -12.0271

Inverse Universe

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



35.3821, 55.9137, 12.2188



45.5298, 78.9026, 22.1999



67.0063, -29.7211, 39.7956



31.8155, 1.4609, 1.6591



27.7905, 48.2482, 12.8711



5.8800, 10.4085, 1.1724

Previews

White Background



This preview shows how the HunterLab color 29.6947, 22.4278, -80.8812 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 29.6947, 22.4278, -80.8812 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

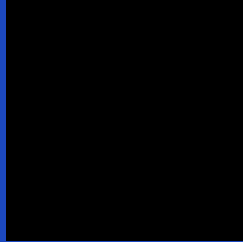
Any Text WCAG AA × Fail

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 29.6947, 22.4278, -80.8812 Background



This preview shows how black text looks on a background with the HunterLab color 29.6947, 22.4278, -80.8812.



This preview shows how white text looks on a background with the HunterLab color 29.6947, 22.4278, -80.8812.

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

29.6947, 22.4278, -80.8812

Protanopia

29.3932, 10.0455, -58.4242

Deuteranopia

29.5481, -0.2634, -36.3638



Tritanopia

29.5136, -14.6411, -5.2836

Trichromacy



Original Color

29.6947, 22.4278, -80.8812

Protanomaly

29.3030, 14.5993, -66.9103

Deuteranomaly

29.3151, 7.6310, -51.8832

Tritanomaly

28.9587, -3.7218, -26.9153

Monochromacy



Original Color

29.6947, 22.4278, -80.8812

Achromatopsia

25.8120, -1.3773, 1.4024

Achromatomaly

26.2600, 3.1376, -21.0694

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.6947, 22.4278, -80.8812 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(28, 73, 192)` looks like.

```
.text, #text, p{  
    color:rgb(28, 73, 192)  
}
```

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(28, 73, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 73, 192) }
```

Border

The CSS property to change the border of an element to HunterLab 29.6947, 22.4278, -80.8812 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(28, 73, 192) }
```


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

```
.border{ border-color:rgb(28, 73, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 73, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 73, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 73, 192);  
box-shadow:4px 4px 4px 4px rgb(28, 73,  
192) }
```

Background

The CSS property to change the background color of an element to HunterLab 29.6947, 22.4278, -80.8812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 73, 192) }
```

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

```
.background{ background-color: rgb(28, 73,  
192) }
```

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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