

Converting Colors

HunterLab(29.0134, 25.1263,
-84.7638)

Have a look what the booklet for
HunterLab(29.0134, 25.1263,
-84.7638) contains.

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Color

**HunterLab(28.9790, 25.1664,
-84.9260)**

Conversions

Conversions Part 1

Format	Color
Hex	1F45C1
RGB	31, 69, 193
RGB Percent	12%, 27%, 76%
CMY	0.8784, 0.7294, 0.2431
CMYK	0.84, 0.64, 0.00, 0.24
HSL	226°, 72%, 44%
HSV	226°, 84%, 76%
XYZ	12.3189, 8.3978, 51.4238
YIQ	71.7740, -62.4520, 30.5080

Conversions

Conversions Part 2

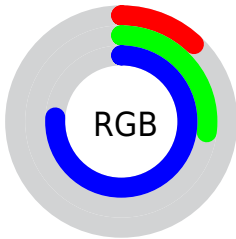
Format	Color
R_{YB}	31, 62, 193
Decimal	2049473
CIE _{Lab}	34.80, 34.08, -68.17
CIE _{LCh}	35, 76.212, 296.562
Yxy	8.3980, 0.1708, 0.1164
Android (android.graphics.Color)	4280239553 (0xFF1F45C1)
YUV	71.7740, 59.7644, -35.7588
Hunter-Lab	28.9790, 25.1664, -84.9260

Details

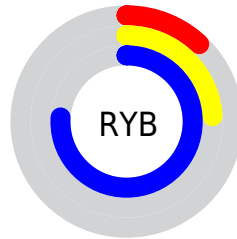
The HunterLab color **28.9790, 25.1664, -84.9260** is a dark color, and the websafe version is hex **003399**. The color can be described as dark washed blue. A complement of this color would be **59.0638, -0.7160, 35.0798**, and the grayscale version is **25.1885, -1.3440, 1.3685**.

A 20% lighter version of the original color is **47.6988, 27.7376, -83.5679**, and **16.1828, 26.6036, -77.6566** is the 20% darker color. If you saturate the color by 10%, you get **25.6626, 32.3191, -100.1843**, and if you desaturate by 10%, it is **32.9273, 18.8658, -70.2265**.

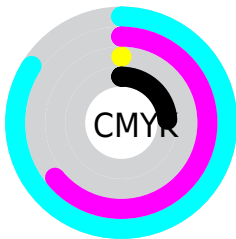
Distribution



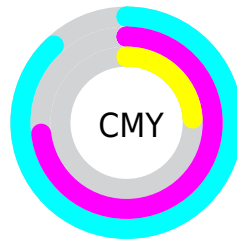
- Red (12%)
- Green (27%)
- Blue (76%)



- Red (12%)
- Yellow (24%)
- Blue (76%)



- Cyan (84%)
- Magenta (64%)
- Yellow (0%)
- Black (24%)



- Cyan (88%)
- Magenta (73%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.9790, 25.1664, -84.9260 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 28.9790, 25.1664, -84.9260 by changing the saturation by 10% instead.

■ 28.9790, 25.1664,
-84.9260

■ 28.9790, 25.1664,
-84.9260

■ 133.7240, 33.2646,
-87.7794

■ 20.8582, 23.7047,
-88.2052

■ 47.6813, 27.6952,
-83.1348

■ 13.6806, 22.1267,
-95.6181

■ 58.1322, 28.7741,
-83.2829

■ 7.2884, 22.5180,
-119.5391

■ 69.2517, 29.7443,
-83.7536

0.0000, INF, -NF

■ 81.0015, 30.6154,
-84.4162

0.0000, NaN, -NF

■ 93.3497, 31.3962,
-85.1918

0.0000, NaN, -NF

106.2685, 32.0938,

0.0000, NaN, NaN

-86.0307

0.0000, NaN, NaN

119.7337, 32.7148,
-86.9004

■ 28.9790, 25.1664,
-84.9260

■ 28.9790, 25.1664,
-84.9260

■ 25.6626, 32.3191,
-100.1843

■ 32.9273, 18.8658,
-70.2265

■ 23.9720, 36.7837,
-109.3684

■ 37.3851, 13.5631,
-56.7397

■ 42.2521, 9.1944,
-44.6004

■ 47.4508, 5.6203,
-33.7031

■ 52.9231, 2.6954,
-23.8638

■ 58.6257, 0.2936,
-14.8941

■ 64.5256, -1.6879,
-6.6279

■ 70.5976, -3.3299,
1.0722

■ 76.8220, -4.6957,
8.3168

Harmonies

Analogous

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



28.9793, -4.5625, -101.7765



28.9790, 25.1664, -84.9260



28.9793, 54.9425, -40.2994

Triad

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



28.9793, 25.1682, -84.9253



28.9793, 32.5143, 20.2855



28.9793, -37.0515, 4.3557

Complementary

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



28.9790, 25.1664, -84.9260



59.0638, -0.7160, 35.0798

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.



28.9793, -33.1507, 17.6472



28.9790, 25.1664, -84.9260



28.9793, 1.5953, 20.2855

Square

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



28.9793, 25.1682, -84.9253



28.9793, 60.1524, 16.0206



28.9793, -21.1174, 20.2855



28.9793, -34.6554, -29.8613

Rectangle

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



28.9790, 25.1664, -84.9260



28.9793, 67.1980, -12.2215



28.9793, -21.1174, 20.2855



28.9793, -36.4846, 10.7864

Sweetspot

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



28.9793, 25.1682, -84.9253



77.3242, 0.8249, -21.6245



63.8086, -40.7652, 10.8009



34.5548, 0.8907, -11.9536



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.



28.9793, 25.1682, -84.9253



31.5951, 50.8249, -149.2075



24.8801, 47.9509, -104.0590



31.8164, -1.1702, -1.4447



19.8143, 29.1493, -87.6911



5.2857, 2.9407, -12.9549

Inverse Universe

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



35.7044, 55.2880, 13.6196



45.4061, 78.4455, 24.0207



67.0547, -31.2002, 39.6254



31.8052, 1.4055, 1.8058



27.7102, 47.9520, 14.0504



5.8553, 10.3183, 1.5285

Previews

White Background



This preview shows how the HunterLab color 28.9790, 25.1664, -84.9260 looks on a white background.

Color Contrast Check

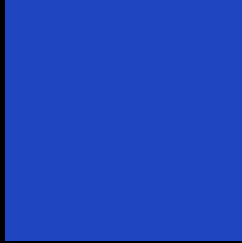
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.9790, 25.1664, -84.9260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

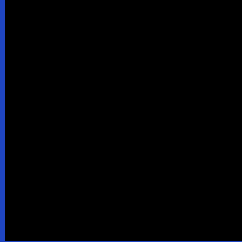
Any Text WCAG AA × Fail

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 28.9790, 25.1664, -84.9260 Background



This preview shows how black text looks on a background with the HunterLab color 28.9790, 25.1664, -84.9260.



This preview shows how white text looks on a background with the HunterLab color 28.9790, 25.1664, -84.9260.

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

28.9790, 25.1664, -84.9260

Protanopia

28.8880, 9.2526, -56.0810

Tritanopia

28.8560, -14.2957, -5.2071

Trichromacy



Original Color

28.9790, 25.1664, -84.9260

Protanomaly

28.7017, 15.0142, -66.8997

Tritanomaly

28.1005, -2.6268, -28.0366

Monochromacy



Original Color

28.9790, 25.1664, -84.9260

Achromatopsia

25.4565, -1.3583, 1.3831

Achromatomaly

25.7629, 4.0589, -22.0794

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.9790, 25.1664, -84.9260 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(31, 69, 193)` looks like.

```
.text, #text, p{  
    color:rgb(31, 69, 193)  
}
```

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(31, 69, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 69, 193) }
```

Border

The CSS property to change the border of an element to HunterLab 28.9790, 25.1664, -84.9260 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(31, 69, 193) }
```

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

```
.border{ border-color:rgb(31, 69, 193) }
```

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

Here you see how a box with a 4 pixel rgb(31, 69, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 69, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 69, 193);  
box-shadow:4px 4px 4px 4px rgb(31, 69,  
193) }
```


Background

The CSS property to change the background color of an element to HunterLab 28.9790, 25.1664, -84.9260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 69, 193) }
```

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

```
.background{ background-color: rgb(31, 69,  
193) }
```

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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