

Converting Colors

HunterLab(28.7986, 29.8879,
-95.4964)

Have a look what the booklet for
HunterLab(28.7986, 29.8879,
-95.4964) contains.

HunterLab(28.7382, 30.0791, -95.7689)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(28.7382, 30.0791,
-95.7689)**

Conversions

Conversions Part 1

Format	Color
Hex	1D41C9
RGB	29, 65, 201
RGB Percent	11%, 25%, 79%
CMY	0.8862, 0.7451, 0.2118
CMYK	0.86, 0.68, 0.00, 0.21
HSL	227°, 75%, 45%
HSV	227°, 86%, 79%
XYZ	12.9396, 8.2588, 56.1704
YIQ	69.7400, -65.1120, 34.6640

Conversions

Conversions Part 2

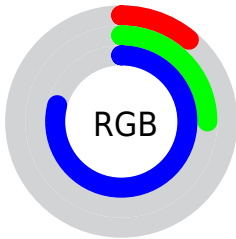
Format	Color
RYB	29, 59, 201
Decimal	1917385
CIELab	34.52, 39.48, -73.31
CIELCh	35, 83.259, 298.303
Yxy	8.2590, 0.1673, 0.1067
Android (android.graphics.Color)	4280107465 (0xFF1D41C9)
YUV	69.7400, 64.7112, -35.7290
Hunter-Lab	28.7382, 30.0791, -95.7689

Details

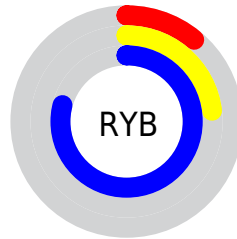
The HunterLab color **28.7382, 30.0791, -95.7689** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **62.7887, -2.5095, 37.5474**, and the grayscale version is **24.4531, -1.3048, 1.3286**.

A 20% lighter version of the original color is **47.1364, 31.6459, -89.4021**, and **16.3955, 31.1296, -87.6928** is the 20% darker color. If you saturate the color by 10%, you get **25.4557, 37.8945, -112.3561**, and if you desaturate by 10%, it is **32.7751, 22.9729, -79.3645**.

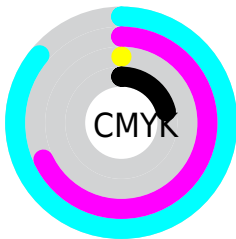
Distribution



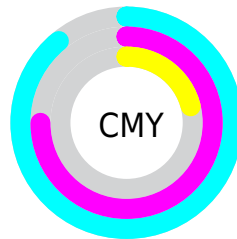
- Red (11%)
- Green (25%)
- Blue (79%)



- Red (11%)
- Yellow (23%)
- Blue (79%)



- Cyan (86%)
- Magenta (68%)
- Yellow (0%)
- Black (21%)



- Cyan (89%)
- Magenta (75%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.7382, 30.0791, -95.7689 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 28.7382, 30.0791, -95.7689 by changing the saturation by 10% instead.

■ 28.7382, 30.0791,
-95.7689

■ 28.7382, 30.0791,
-95.7689

■ 133.3227, 40.0514,
-96.8949

■ 20.6425, 28.4189,
-100.2526

■ 47.3968, 33.0445,
-92.8436

■ 13.4932, 26.6943,
-109.9604

■ 57.8283, 34.3424,
-92.7193

■ 7.0711, 27.7934,
-141.5380

■ 68.9295, 35.5278,
-93.0193

0.0000, INF, -NF

0.0000, NaN, -NF

■ 80.6621, 36.6097,
-93.5794

0.0000, NaN, -NF

■ 92.9938, 37.5960,
-94.3000

0.0000, NaN, -NF

■ 105.8968, 38.4943,

0.0000, NaN, NaN

-95.1182

0.0000, NaN, NaN

119.3470, 39.3108,
-95.9924

■ 28.7382, 30.0791,
-95.7689

■ 28.7382, 30.0791,
-95.7689

■ 25.4557, 37.8945,
-112.3561

■ 32.7751, 22.9729,
-79.3645

■ 24.2416, 41.3163,
-119.4900

■ 37.4175, 16.8948,
-64.2079

■ 42.5400, 11.8387,
-50.5963

■ 48.0465, 7.6677,
-38.4495

■ 53.8658, 4.2212,
-27.5573

■ 59.9455, 1.3553,
-17.6924

■ 66.2465, -1.0476,
-8.6534

■ 72.7392, -3.0803,
-0.2738

■ 79.4007, -4.8144,
7.5795

Harmonies

Analogous

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



28.7385, -3.1730, -118.6174



28.7382, 30.0791, -95.7689



28.7385, 63.2132, -42.7836

Triad

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



28.7385, 30.0812, -95.7682



28.7385, 34.1523, 20.1169



28.7385, -38.7955, 3.0961

Complementary

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



28.7382, 30.0791, -95.7689



62.7887, -2.5095, 37.5474

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.



28.7385, -35.3194, 17.8294



28.7382, 30.0791, -95.7689



28.7385, 0.1406, 20.1169

Square

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



28.7385, 30.0812, -95.7682



28.7385, 66.1481, 17.0843



28.7385, -23.5360, 20.1169



28.7385, -36.0609, -36.8221

Rectangle

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



28.7382, 30.0791, -95.7689



28.7385, 76.3002, -11.4482



28.7385, -23.5360, 20.1169



28.7385, -38.3560, 10.3957

Sweetspot

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



28.7385, 30.0812, -95.7682



77.7880, 2.0498, -24.1415



66.8624, -42.0688, 9.4295



34.6831, 1.5307, -13.2185

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



28.7385, 30.0812, -95.7682



31.3018, 55.5036, -158.9409



25.8955, 51.9009, -109.6539



32.6207, -1.0885, -1.5791



19.5032, 31.8114, -93.0489



5.3636, 3.7573, -14.8149

Inverse Universe

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



36.9849, 58.2570, 15.7931



46.3899, 80.0052, 25.6274



69.6879, -34.5871, 41.3458



32.6690, 1.4193, 1.9513



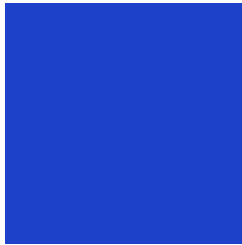
28.1496, 48.6202, 14.9865



6.2134, 10.9040, 1.9730

Previews

White Background



This preview shows how the HunterLab color 28.7382, 30.0791, -95.7689 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 28.7382, 30.0791, -95.7689 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

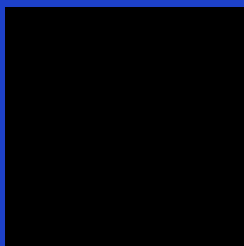
Any Text WCAG AA × Fail

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 28.7382, 30.0791, -95.7689 Background



This preview shows how black text looks on a background with the HunterLab color 28.7382, 30.0791, -95.7689.



This preview shows how white text looks on a background with the HunterLab color 28.7382, 30.0791, -95.7689.

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

28.7382, 30.0791, -95.7689

Protanopia

28.5116, 9.1124, -55.3080

Deuteranopia

28.4253, -0.5944, -34.2460



Tritanopia

28.5281, -14.1236, -5.1690

Trichromacy



Original Color

28.7382, 30.0791, -95.7689

Protanomaly

28.3029, 16.4157, -69.4071

Deuteranomaly

28.0155, 9.8711, -54.9055

Tritanomaly

27.7078, -0.9224, -31.2050

Monochromacy



Original Color

28.7382, 30.0791, -95.7689

Achromatopsia

24.7479, -1.3205, 1.3446

Achromatomaly

25.0089, 5.5733, -25.1256

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.7382, 30.0791, -95.7689 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(29, 65, 201)` looks like.

```
.text, #text, p{  
    color:rgb(29, 65, 201)  
}
```

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(29, 65, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 65, 201) }
```

Border

The CSS property to change the border of an element to HunterLab 28.7382, 30.0791, -95.7689 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(29, 65, 201) }
```


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

```
.border{ border-color:rgb(29, 65, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 65, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 65, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 65, 201);  
box-shadow:4px 4px 4px 4px rgb(29, 65,  
201) }
```

Background

The CSS property to change the background color of an element to HunterLab 28.7382, 30.0791, -95.7689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 65, 201) }
```

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

```
.background{ background-color: rgb(29, 65,  
201) }
```

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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