

Converting Colors

HunterLab(31.5290, 30.0623,
-79.7488)

Have a look what the booklet for
HunterLab(31.5290, 30.0623,
-79.7488) contains.

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Color

**HunterLab(31.4887, 29.9464,
-79.5333)**

Conversions

Conversions Part 1

Format	Color
Hex	4847C5
RGB	72, 71, 197
RGB Percent	28%, 28%, 77%
CMY	0.7176, 0.7216, 0.2274
CMYK	0.63, 0.64, 0.00, 0.23
HSL	240°, 52%, 53%
HSV	240°, 64%, 77%
XYZ	15.0037, 9.9154, 53.9463
YIQ	85.6630, -39.8500, 39.3980

Conversions

Conversions Part 2

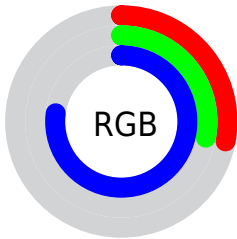
Format	Color
R _Y B	72, 71, 197
Decimal	4736965
CIE Lab	37.69, 38.80, -65.69
CIE LCh	38, 76.292, 300.571
Yxy	9.9156, 0.1902, 0.1257
Android (android.graphics.Color)	4282927045 (0xFF4847C5)
YUV	85.6630, 54.8891, -11.9825
Hunter-Lab	31.4887, 29.9464, -79.5333

Details

The HunterLab color **31.4887, 29.9464, -79.5333** is a dark color, and the websafe version is hex **333399**. The color can be described as dark muted blue. A complement of this color would be **72.1959, -17.8846, 39.2781**, and the grayscale version is **30.1991, -1.6113, 1.6408**.

A 20% lighter version of the original color is **50.6354, 32.7935, -79.0026**, and **16.5435, 27.9587, -81.0326** is the 20% darker color. If you saturate the color by 10%, you get **26.7724, 37.9249, -99.8219**, and if you desaturate by 10%, it is **37.0328, 22.7355, -61.3535**.

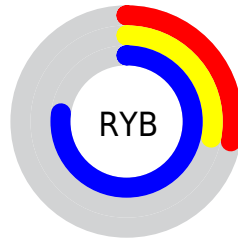
Distribution



Red (28%)

Green (28%)

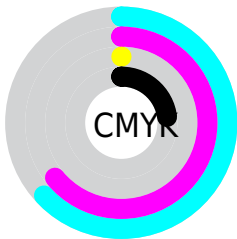
Blue (77%)



Red (28%)

Yellow (28%)

Blue (77%)

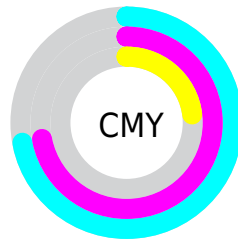


Cyan (63%)

Magenta (64%)

Yellow (0%)

Black (23%)



Cyan (72%)

Magenta (72%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.4887, 29.9464, -79.5333 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 31.4887, 29.9464, -79.5333 by changing the saturation by 10% instead.

■ 31.4887, 29.9464,
-79.5333

■ 31.4887, 29.9464,
-79.5333

137.8655, 39.4092,
-83.7204

■ 23.1150, 28.3440,
-81.7153

■ 50.6327, 32.7800,
-78.6711

■ 15.6522, 26.6451,
-86.8061

■ 61.2813, 34.0151,
-79.0213

■ 9.2271, 25.0138,
-99.2823

■ 72.5867, 35.1409,
-79.6118

0.0000, INF, -NF

■ 84.5127, 36.1663,
-80.3420

0.0000, NaN, -NF

■ 97.0286, 37.0992,
-81.1507

0.0000, NaN, -NF

110.1078, 37.9466,

0.0000, NaN, NaN

-81.9988

0.0000, NaN, NaN

123.7269, 38.7148,
-82.8611

■ 31.4887, 29.9464,
-79.5333

■ 31.4887, 29.9464,
-79.5333

■ 26.7724, 37.9249,
-99.8219

■ 37.0328, 22.7355,
-61.3535

■ 23.1622, 45.8454,
-120.1415

■ 43.1914, 16.4282,
-45.6102

■ 20.9290, 51.9033,
-135.8395

■ 49.8189, 10.9101,
-31.9767

■ 20.1032, 54.4794,
-142.4500

■ 56.8163, 6.0158,
-20.0081

■ 64.1158, 1.5979,
-9.3119

■ 71.6693, -2.4598,
0.4198

■ 79.4417, -6.2446,
9.4184

■ 87.4068, -9.8218,
17.8564

■ 95.5442, -13.2400,
25.8624

Harmonies

Analogous

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



31.4891, -1.1539, -101.3414



31.4887, 29.9464, -79.5333



31.4891, 58.8133, -34.3322

Triad

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



31.4891, 29.9477, -79.5323



31.4891, 28.7111, 22.0424



31.4891, -39.0124, 1.2094

Complementary

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



31.4887, 29.9464, -79.5333



72.1959, -17.8846, 39.2781

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.



31.4891, -35.7515, 17.7592



31.4887, 29.9464, -79.5333



31.4891, -2.2063, 22.0424

Square

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



31.4891, 29.9477, -79.5323



31.4891, 57.9438, 18.0589



31.4891, -24.3003, 22.0424



31.4891, -35.4828, -36.0609

Rectangle

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



31.4887, 29.9464, -79.5333



31.4891, 69.2278, -7.6822



31.4891, -24.3003, 22.0424



31.4891, -38.6907, 8.8866

Sweetspot

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



31.4891, 29.9477, -79.5323



80.5508, 5.2220, -19.9103



67.3078, -31.2199, -5.6028



35.9625, 3.2231, -11.1689

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



31.4891, 29.9477, -79.5323



33.5851, 55.3510, -145.3535



36.8863, 42.6991, -61.4303



32.0803, -0.1406, -2.2603



16.3093, 44.1874, -115.4845



3.5692, 9.6298, -24.9607

Inverse Universe

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



45.1243, 60.4419, -39.7505



56.0994, 94.5967, -62.3702



67.4210, -36.0846, 35.6705



32.8864, 2.5851, -1.1400



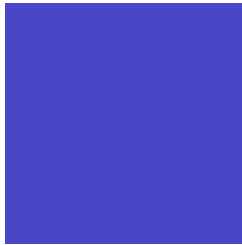
32.2685, 63.3333, -41.7248



7.0251, 13.7933, -9.1239

Previews

White Background



This preview shows how the HunterLab color 31.4887, 29.9464, -79.5333 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 31.4887, 29.9464, -79.5333 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

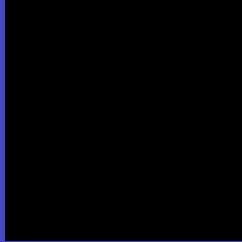
Any Text WCAG AA × Fail

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 31.4887, 29.9464, -79.5333 Background



This preview shows how black text looks on a background with the HunterLab color 31.4887, 29.9464, -79.5333.



This preview shows how white text looks on a background with the HunterLab color 31.4887, 29.9464, -79.5333.

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

31.4887, 29.9464, -79.5333

Protanopia

31.2926, 10.7607, -62.3422

Deuteranopia

31.3827, 0.0106, -39.2485



Tritanopia

31.3387, -14.6482, -6.7431

Trichromacy



Original Color

31.4887, 29.9464, -79.5333

Protanomaly

30.8255, 16.4559, -70.0681

Deuteranomaly

30.7612, 9.1395, -54.1855

Tritanomaly

30.2239, -1.4217, -29.3176

Monochromacy



Original Color

31.4887, 29.9464, -79.5333

Achromatopsia

30.5056, -1.6277, 1.6574

Achromatomaly

30.2333, 6.7327, -19.9616

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.4887, 29.9464, -79.5333 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(72, 71, 197)` looks like.

```
.text, #text, p{  
    color:rgb(72, 71, 197)  
}
```

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(72, 71, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 71, 197) }
```

Border

The CSS property to change the border of an element to HunterLab 31.4887, 29.9464, -79.5333 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(72, 71, 197) }
```


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

```
.border{ border-color:rgb(72, 71, 197) }
```

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

Here you see how a box with a 4 pixel rgb(72, 71, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 71, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 71, 197);  
box-shadow:4px 4px 4px 4px rgb(72, 71,  
197) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.4887, 29.9464, -79.5333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 71, 197) }
```

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

```
.background{ background-color: rgb(72, 71,  
197) }
```

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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