

Converting Colors

HunterLab(17.3105, 29.1860,
-84.6408)

Have a look what the booklet for
HunterLab(17.3105, 29.1860,
-84.6408) contains.

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Color

**HunterLab(17.3691, 29.0524,
-84.4256)**

Conversions

Conversions Part 1

Format	Color
Hex	001D94
RGB	0, 29, 148
RGB Percent	0%, 11%, 58%
CMY	0.9999, 0.8863, 0.4196
CMYK	1.00, 0.80, 0.00, 0.42
HSL	228°, 100%, 29%
HSV	228°, 100%, 58%
XYZ	5.7847, 3.0169, 28.2944
YIQ	33.8950, -55.4830, 30.8610

Conversions

Conversions Part 2

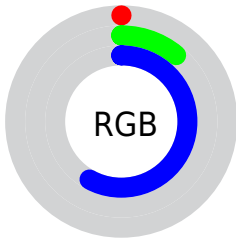
Format	Color
RYB	0, 24, 148
Decimal	7572
CIELab	20.11, 41.03, -65.37
CIELCh	20, 77.174, 302.113
Yxy	3.0169, 0.1559, 0.0813
Android (android.graphics.Color)	4278197652 (0xFF001D94)
YUV	33.8950, 56.2538, -29.7259
Hunter-Lab	17.3691, 29.0524, -84.4256

Details

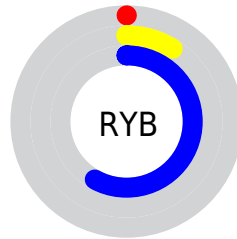
The HunterLab color **17.3691, 29.0524, -84.4256** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **44.1540, -1.2156, 27.1853**, and the grayscale version is **12.4568, -0.6647, 0.6768**.

A 20% lighter version of the original color is **33.7197, 32.1790, -78.0036**, and **9.1898, 24.9274, -65.2976** is the 20% darker color. If you saturate the color by 10%, you get **17.3661, 29.0626, -84.4439**, and if you desaturate by 10%, it is **19.5375, 23.6321, -72.5702**.

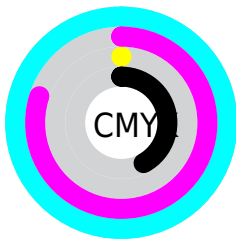
Distribution



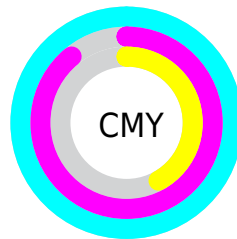
- Red (0%)
- Green (11%)
- Blue (58%)



- Red (0%)
- Yellow (9%)
- Blue (58%)



- Cyan (100%)
- Magenta (80%)
- Yellow (0%)
- Black (42%)



- Cyan (100%)
- Magenta (89%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.3691, 29.0524, -84.4256 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 17.3691, 29.0524, -84.4256 by changing the saturation by 10% instead.

■ 17.3691, 29.0524,
-84.4256

■ 17.3691, 29.0524,
-84.4256

■ 113.3560, 40.8590,
-81.6579

■ 10.6797, 27.3435,
-94.1578

■ 33.6426, 32.4542,
-78.6367

■ 1.1104, 162.8554,
-586.5298

■ 43.0256, 33.9865,
-78.0853

0.0000, NaN, -NF

■ 53.1480, 35.3962,
-78.1598

0.0000, NaN, -NF

■ 63.9593, 36.6895,
-78.5902

0.0000, NaN, -NF

■ 75.4180, 37.8745,
-79.2273

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 87.4895, 38.9595,

0.0000, NaN, NaN

-79.9837

0.0000, NaN, NaN

100.1440, 39.9521,
-80.8054

17.3691, 29.0524,
-84.4256

17.3691, 29.0524,
-84.4256

17.3661, 29.0626,
-84.4439

19.5375, 23.6321,
-72.5702

22.2186, 18.4296,
-60.7496

25.3568, 13.8820,
-49.6426

28.8575, 10.0475,
-39.6057

32.6467, 6.8545,
-30.6455

■ 36.6694, 4.1960,
-22.6313

■ 40.8853, 1.9689,
-15.4014

■ 45.2642, 0.0865,
-8.8055

■ 49.7836, -1.5203,
-2.7173

Harmonies

Analogous

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



17.3692, 0.7185, -113.6474



17.3691, 29.0524, -84.4256



17.3692, 57.2730, -32.0486

Triad

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



17.3692, 29.0545, -84.4256



17.3692, 24.6955, 12.1584



17.3692, -27.9964, -0.6636

Complementary

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



17.3691, 29.0524, -84.4256



44.1540, -1.2156, 27.1853

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.



17.3692, -25.7613, 12.1584



17.3691, 29.0524, -84.4256



17.3692, -2.5148, 12.1584

Square

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



17.3692, 29.0545, -84.4256



17.3692, 53.9717, 12.1584



17.3692, -18.6269, 12.1584



17.3692, -25.0473, -39.0340

Rectangle

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



17.3691, 29.0524, -84.4256



17.3692, 67.3042, -5.8040



17.3692, -18.6269, 12.1584



17.3692, -27.8265, 5.7488

Sweetspot

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



17.3692, 29.0545, -84.4256



53.9582, 2.7829, -21.0219



47.4318, -30.7545, 7.1063



24.7452, 1.8477, -11.7585



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

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



17.3692, 29.0545, -84.4256



22.6357, 40.0896, -114.8347



16.3810, 41.0972, -90.5931



24.0956, -0.7862, -1.0857



16.1506, 26.5201, -77.4361



2.5634, 0.9150, -5.1792

Inverse Universe

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



25.2688, 43.6195, 13.6071



33.5339, 57.8345, 18.5158



49.0913, -26.8107, 29.7797



24.1513, 0.9312, 1.4714



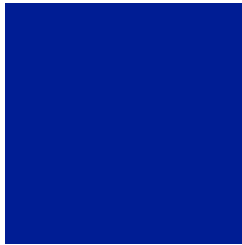
23.3595, 40.3419, 12.4743



2.6495, 4.7025, 0.4315

Previews

White Background



This preview shows how the HunterLab color 17.3691, 29.0524, -84.4256 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 17.3691, 29.0524, -84.4256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

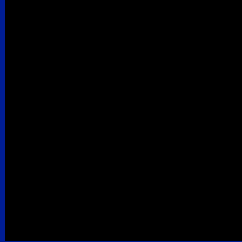
Any Text WCAG AA × Fail

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 17.3691, 29.0524, -84.4256 Background



This preview shows how black text looks on a background with the HunterLab color 17.3691, 29.0524, -84.4256.



This preview shows how white text looks on a background with the HunterLab color 17.3691, 29.0524,

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

17.3691, 29.0524, -84.4256

Protanopia

17.4742, 4.2116, -30.9330

Deuteranopia

17.6858, -1.6031, -18.6451



Tritanopia

17.7026, -9.0194, -2.6565

Trichromacy



Original Color

17.3691, 29.0524, -84.4256

Protanomaly

17.0114, 12.8624, -49.0290

Deuteranomaly

17.0455, 8.5083, -39.6723

Tritanomaly

16.4600, 2.2679, -25.4692

Monochromacy



Original Color

17.3691, 29.0524, -84.4256

Achromatopsia

12.6476, -0.6748, 0.6872

Achromatomaly

13.0828, 5.9945, -22.0006

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.3691, 29.0524, -84.4256 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(0, 29, 148)` looks like.

```
.text, #text, p{  
    color:rgb(0, 29, 148)  
}
```

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(0, 29, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 29, 148) }
```

Border

The CSS property to change the border of an element to HunterLab 17.3691, 29.0524, -84.4256 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(0, 29, 148) }
```


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

```
.border{ border-color:rgb(0, 29, 148) }
```

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

Here you see how a box with a 4 pixel rgb(0, 29, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 29, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 29, 148);  
box-shadow:4px 4px 4px 4px rgb(0, 29, 148)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.3691, 29.0524, -84.4256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 29, 148) }
```

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

```
.background{ background-color: rgb(0, 29,  
148) }
```

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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