

Converting Colors

HunterLab(41.7170, -16.2246,
-7.6826)

Have a look what the booklet for
HunterLab(41.7170, -16.2246,
-7.6826) contains.

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Color

**HunterLab(41.7170,
-16.2246, -7.6826)**

Conversions

Conversions Part 1

Format	Color
Hex	337E88
RGB	51, 126, 136
RGB Percent	20%, 49%, 53%
CMY	0.8000, 0.5059, 0.4667
CMYK	0.62, 0.07, 0.00, 0.47
HSL	187°, 45%, 37%
HSV	187°, 62%, 53%
XYZ	13.2700, 17.4031, 25.9523
YIQ	104.7150, -47.9100, -12.7900

Conversions

Conversions Part 2

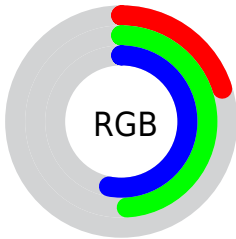
Format	Color
RYB	51, 91, 136
Decimal	3374728
CIELab	48.76, -19.77, -12.34
CIELCh	49, 23.304, 211.976
Yxy	17.4037, 0.2344, 0.3073
Android (android.graphics.Color)	4281564808 (0xFF337E88)
YUV	104.7150, 15.4235, -47.1081
Hunter-Lab	41.7170, -16.2246, -7.6826

Details

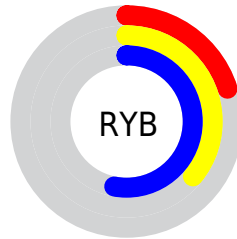
The HunterLab color $41.7170, -16.2246, -7.6826$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $29.6836, 22.7404, 12.4323$, and the grayscale version is $37.4344, -1.9974, 2.0339$.

A 20% lighter version of the original color is $62.4821, -19.7287, -7.5287$, and $24.4533, -11.1597, -6.4740$ is the 20% darker color. If you saturate the color by 10%, you get $40.8592, -16.9841, -8.9199$, and if you desaturate by 10%, it is $42.6880, -15.0540, -6.3112$.

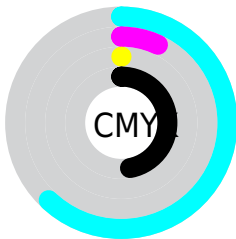
Distribution



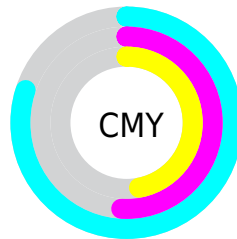
- Red (20%)
- Green (49%)
- Blue (53%)



- Red (20%)
- Yellow (36%)
- Blue (53%)



- Cyan (62%)
- Magenta (7%)
- Yellow (0%)
- Black (47%)



- Cyan (80%)
- Magenta (51%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.7170, -16.2246, -7.6826 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 41.7170, -16.2246, -7.6826 by changing the saturation by 10% instead.

41.7170, -16.2246,
-7.6826

41.7170, -16.2246,
-7.6826

154.1066,
-30.7926, -6.0635

32.4388, -14.4337,
-7.5655

62.4649, -19.6242,
-7.7024

23.9727, -12.5442,
-7.3692

73.8386, -21.2660,
-7.6186

16.4067, -10.5032,
-7.0887

85.8294, -22.8831,
-7.4788

9.8643, -9.3062,
-6.7345

98.4070, -24.4826,
-7.2870

0.0000, NaN, -NF

0.0000, NaN, NaN

111.5452,
-26.0696, -7.0467

0.0000, NaN, NaN

125.2211,

0.0000, NaN, NaN

-27.6482, -6.7610

0.0000, NaN, NaN

139.4143,
-29.2217, -6.4325

■ 41.7170, -16.2246,
-7.6826

■ 41.7170, -16.2246,
-7.6826

■ 40.8592, -16.9841,
-8.9199

■ 42.6880, -15.0540,
-6.3112

■ 40.1077, -17.3409,
-10.0225

■ 43.7718, -13.4756,
-4.8148

■ 39.4556, -17.3203,
-10.9932

■ 44.9691, -11.5029,
-3.2023

■ 39.0013, -17.1723,
-11.6782

■ 46.2786, -9.1566,
-1.4854

■ 47.6974, -6.4619,
0.3238

■ 49.2222, -3.4470,
2.2130

■ 50.8488, -0.1411,
4.1706

■ 52.5726, 3.4266,
6.1859

■ 54.3890, 7.2282,
8.2490

Harmonies

Analogous

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



41.7178, -18.5065, 1.6852



41.7170, -16.2246, -7.6826



41.7178, -10.2340, -15.5248

Triad

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



41.7178, -16.2247, -7.6820



41.7178, 14.6006, -6.4538



41.7178, -2.8377, 15.8522

Complementary

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



41.7170, -16.2246, -7.6826



29.6836, 22.7404, 12.4323

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.



41.7178, 6.4310, 14.5819



41.7170, -16.2246, -7.6826



41.7178, 17.0061, 2.8481

Square

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



41.7178, -16.2247, -7.6820



41.7178, 7.5798, -14.7143



41.7178, 13.8979, 10.2498



41.7178, -11.2062, 14.1915

Rectangle

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



41.7170, -16.2246, -7.6826



41.7178, -4.6737, -18.1143



41.7178, 13.8979, 10.2498



41.7178, 0.2750, 15.7549

Sweetspot

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



41.7178, -16.2247, -7.6820



62.0009, -11.0994, -1.2433



43.1840, -30.0628, 20.0374



29.6147, -5.7572, -0.8845



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



41.7178, -16.2247, -7.6820



53.8121, -22.8055, -12.4674



29.5941, 2.1796, -28.3919



23.6430, -2.6939, 0.4636



37.9543, -16.7209, -11.3440



3.2995, -1.6200, -0.6269

Inverse Universe

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



30.1807, 36.5117, -19.5416



36.8480, 57.4741, -30.1165



39.0607, 3.1299, 19.3691



22.6252, 1.5014, -0.3802



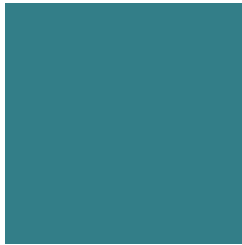
24.9768, 47.9157, -23.7215



2.0681, 4.0186, -2.3599

Previews

White Background



This preview shows how the HunterLab color 41.7170, -16.2246, -7.6826 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 × Fail

Black Background



This preview shows how the HunterLab color 41.7170, -16.2246, -7.6826 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

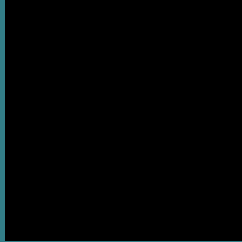
Any Text WCAG AA × Fail

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 41.7170, -16.2246, -7.6826 Background



This preview shows how black text looks on a background with the HunterLab color 41.7170, -16.2246, -7.6826.



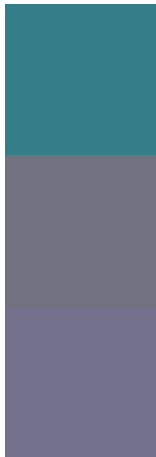
This preview shows how white text looks on a background with the HunterLab color 41.7170,

-16.2246, -7.6826.

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

41.7170, -16.2246, -7.6826

Protanopia

41.3568, -0.1935, -3.7970

Deuteranopia

41.6163, 2.8136, -9.1064



Tritanopia

41.7170, -16.2246, -7.6826

Trichromacy



Original Color

41.7170, -16.2246, -7.6826

Protanomaly

40.9502, -7.1870, -5.9819

Deuteranomaly

41.3124, -5.4139, -9.1464

Tritanomaly

41.7170, -16.2246, -7.6826

Monochromacy



Original Color

41.7170, -16.2246, -7.6826

Achromatopsia

37.5850, -2.0054, 2.0421

Achromatomaly

38.7331, -8.7769, -1.5788

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.7170, -16.2246, -7.6826 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(51, 126, 136)` looks like.

```
.text, #text, p{  
    color:rgb(51, 126, 136)  
}
```

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(51, 126, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 126, 136) }
```

Border

The CSS property to change the border of an element to HunterLab 41.7170, -16.2246, -7.6826 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(51, 126, 136) }
```


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

```
.border{ border-color:rgb(51, 126, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 126, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 126, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 126, 136);  
box-shadow:4px 4px 4px 4px rgb(51, 126,  
136) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.7170, -16.2246, -7.6826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 126, 136) }
```

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

```
.background{ background-color: rgb(51, 126,  
136) }
```

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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