

Converting Colors

HunterLab(42.0028, -7.1914,
-14.8616)

Have a look what the booklet for
HunterLab(42.0028, -7.1914,
-14.8616) contains.

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Color

**HunterLab(41.8796, -6.9401,
-15.1650)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 4F7996 |
| RGB | 79, 121, 150 |
| RGB Percent | 31%, 47%, 59% |
| CMY | 0.6902, 0.5255, 0.4118 |
| CMYK | 0.47, 0.19, 0.00, 0.41 |
| HSL | 205°, 31%, 45% |
| HSV | 205°, 47%, 59% |
| XYZ | 15.5668, 17.5390, 31.4190 |
| YIQ | 111.7480, -34.3410, 0.1150 |

Conversions

Conversions Part 2

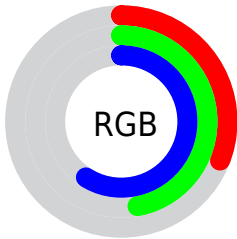
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 79, 105, 150 |
| Decimal | 5208470 |
| CIE _{Lab} | 48.93, -6.32, -20.21 |
| CIE _{LCh} | 49, 21.174, 252.642 |
| Yxy | 17.5397, 0.2413, 0.2718 |
| Android (android.graphics.Color) | 4283398550 (0xFF4F7996) |
| YUV | 111.7480, 18.8582, -28.7200 |
| Hunter-Lab | 41.8796, -6.9401, -15.1650 |

Details

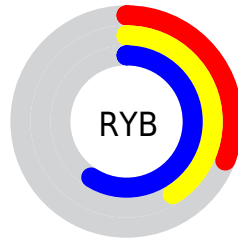
The HunterLab color $41.8796, -6.9401, -15.1650$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $42.1594, 8.1559, 15.7176$, and the grayscale version is $40.0966, -2.1395, 2.1785$.

A 20% lighter version of the original color is $62.5718, -8.6330, -15.7252$, and $24.2335, -5.3173, -14.0413$ is the 20% darker color. If you saturate the color by 10%, you get $39.4020, -6.7256, -19.2570$, and if you desaturate by 10%, it is $44.4903, -6.7335, -11.1560$.

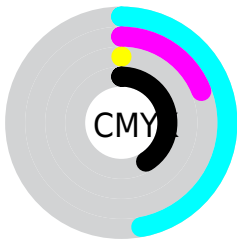
Distribution



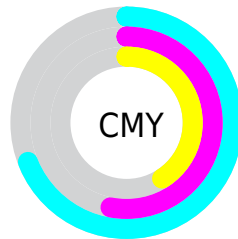
- Red (31%)
- Green (47%)
- Blue (59%)



- Red (31%)
- Yellow (41%)
- Blue (59%)



- Cyan (47%)
- Magenta (19%)
- Yellow (0%)
- Black (41%)



- Cyan (69%)
- Magenta (53%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.8796, -6.9401, -15.1650 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 41.8796, -6.9401, -15.1650 by changing the saturation by 10% instead.

■ 41.8796, -6.9401,
-15.1650

■ 41.8796, -6.9401,
-15.1650

154.3578,
-15.6061, -15.9690

■ 32.5884, -6.0488,
-14.7713

■ 62.6509, -8.7543,
-15.7526

■ 24.1080, -5.1607,
-14.3212

■ 74.0352, -9.6823,
-15.9498

■ 16.5259, -4.2656,
-13.8464

■ 86.0361, -10.6264,
-16.0864

■ 9.9649, -3.3638,
-13.4643

■ 98.6234, -11.5872,
-16.1656

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 111.7708,
-12.5654, -16.1906

0.0000, NaN, NaN

125.4556,

0.0000, NaN, NaN

-13.5612, -16.1644

0.0000, NaN, NaN

139.6573,
-14.5747, -16.0897

■ 41.8796, -6.9401,
-15.1650

■ 41.8796, -6.9401,
-15.1650

■ 39.4020, -6.7256,
-19.2570

■ 44.4903, -6.7335,
-11.1560

■ 37.0659, -6.0472,
-23.4212

■ 47.2213, -6.1488,
-7.2391

■ 34.8821, -4.8688,
-27.6357

■ 50.0634, -5.2279,
-3.4149

■ 32.8587, -3.1688,
-31.8730

■ 53.0075, -4.0092,
0.3185

■ 30.9879, -0.9892,
-36.1306

■ 56.0453, -2.5273,
3.9656

■ 30.5001, -0.3793,
-37.3037

■ 59.1693, -0.8124,
7.5324

■ 62.3731, 1.1089,
11.0252

■ 65.6506, 3.2138,
14.4509

■ 68.9966, 5.4824,
17.8162

Harmonies

Analogous

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



41.8804, -13.4514, -9.5003



41.8796, -6.9401, -15.1650



41.8804, 1.3512, -15.6211

Triad

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



41.8804, -6.9403, -15.1642



41.8804, 14.6885, 5.4999



41.8804, -12.6107, 12.0670

Complementary

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



41.8796, -6.9401, -15.1650



42.1594, 8.1559, 15.7176

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.



41.8804, -5.7080, 14.6557



41.8796, -6.9401, -15.1650



41.8804, 10.2980, 11.3969

Square

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



41.8804, -6.9403, -15.1642



41.8804, 14.2930, -2.5602



41.8804, 2.6837, 14.4374



41.8804, -16.5440, 6.6030

Rectangle

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



41.8796, -6.9401, -15.1650



41.8804, 6.8211, -12.8043



41.8804, 2.6837, 14.4374



41.8804, -10.5850, 13.2491

Sweetspot

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



41.8804, -6.9403, -15.1642



67.6877, -6.4900, -3.0085



49.5432, -26.1494, 13.2910



31.5066, -3.1948, -1.8778



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.



41.8804, -6.9403, -15.1642



52.0906, -8.8864, -26.0166



32.4599, 9.5461, -32.5357



24.8372, -2.0157, -0.1749



27.8915, -0.5410, -33.6941



3.9158, -1.3199, -2.0451

Inverse Universe

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



36.6838, 27.4056, -6.1534



44.5425, 45.1383, -9.4331



51.6370, -8.1036, 23.1825



24.2270, 1.3384, 0.3923



24.4513, 44.3314, -3.2520



2.8115, 5.2850, -1.8291

Previews

White Background



This preview shows how the HunterLab color 41.8796, -6.9401, -15.1650 looks on a white background.

Color Contrast Check

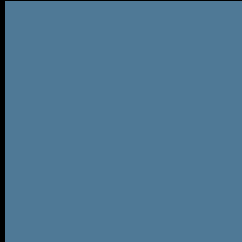
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.8796, -6.9401, -15.1650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

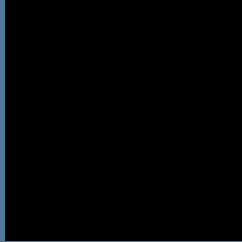
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 41.8796, -6.9401, -15.1650 Background



This preview shows how black text looks on a background with the HunterLab color 41.8796, -6.9401, -15.1650.



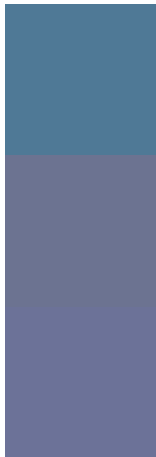
This preview shows how white text looks on a background with the HunterLab color 41.8796, -6.9401, -15.1650.

-15.1650.

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

41.8796, -6.9401, -15.1650

Protanopia

41.8258, 1.1735, -12.1800

Deuteranopia

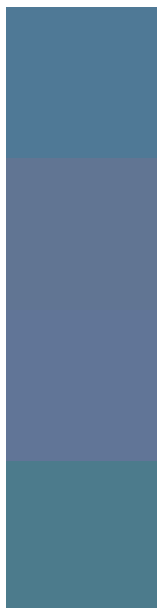
41.8208, 3.0830, -16.2906



Tritanopia

41.9433, -12.3956, -6.2539

Trichromacy



Original Color

41.8796, -6.9401, -15.1650

Protanomaly

41.6780, -2.0234, -13.6220

Deuteranomaly

41.8310, -1.1874, -15.7427

Tritanomaly

41.9474, -10.4416, -9.4037

Monochromacy



Original Color

41.8796, -6.9401, -15.1650

Achromatopsia

40.2529, -2.1478, 2.1870

Achromatomaly

40.5921, -4.4058, -3.8954

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.8796, -6.9401, -15.1650 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(79, 121, 150)` looks like.

```
.text, #text, p{  
    color:rgb(79, 121, 150)  
}
```

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(79, 121, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 121, 150) }
```

Border

The CSS property to change the border of an element to HunterLab 41.8796, -6.9401, -15.1650 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(79, 121, 150) }
```


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

```
.border{ border-color:rgb(79, 121, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 121, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 121, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 121, 150);  
box-shadow:4px 4px 4px 4px rgb(79, 121,  
150) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.8796, -6.9401, -15.1650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 121, 150) }
```

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

```
.background{ background-color: rgb(79, 121,  
150) }
```

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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