

Converting Colors

HunterLab(41.8088, -15.8031,
4.6534)

Have a look what the booklet for
HunterLab(41.8088, -15.8031,
4.6534) contains.

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Color

**HunterLab(41.8312,
-15.7843, 4.5911)**

Conversions

Conversions Part 1

Format	Color
Hex	507D6E
RGB	80, 125, 110
RGB Percent	31%, 49%, 43%
CMY	0.6863, 0.5098, 0.5686
CMYK	0.36, 0.00, 0.12, 0.51
HSL	160°, 22%, 40%
HSV	160°, 36%, 49%
XYZ	13.4564, 17.4985, 17.4202
YIQ	109.8350, -22.0050, -14.2050

Conversions

Conversions Part 2

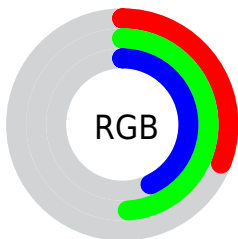
Format	Color
R_{YB}	80, 107, 125
Decimal	5274990
CIE _{Lab}	48.88, -19.07, 3.29
CIE _{LCh}	49, 19.352, 170.206
Y _{xy}	17.4992, 0.2782, 0.3617
Android (android.graphics.Color)	4283465070 (0xFF507D6E)
Y _{UV}	109.8350, 0.0813, -26.1653
Hunter-Lab	41.8312, -15.7843, 4.5911

Details

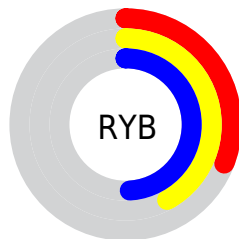
The HunterLab color $[41.8312, -15.7843, 4.5911]$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $[33.0514, 14.4872, 1.1972]$, and the grayscale version is $[39.4310, -2.1039, 2.1424]$.

A 20% lighter version of the original color is $[62.6695, -19.0908, 5.9434]$, and $[24.1227, -12.2705, 3.0912]$ is the 20% darker color. If you saturate the color by 10%, you get $[41.1292, -18.6981, 5.4249]$, and if you desaturate by 10%, it is $[42.6472, -12.5000, 3.8582]$.

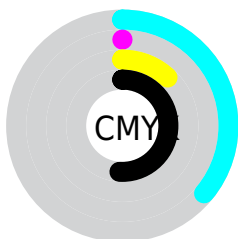
Distribution



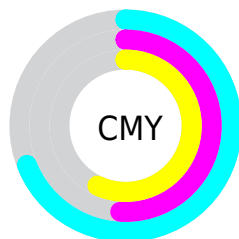
- Red (31%)
- Green (49%)
- Blue (43%)



- Red (31%)
- Yellow (42%)
- Blue (49%)



- Cyan (36%)
- Magenta (0%)
- Yellow (12%)
- Black (51%)



- Cyan (69%)
- Magenta (51%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.8312, -15.7843, 4.5911 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 41.8312, -15.7843, 4.5911 by changing the saturation by 10% instead.

41.8312, -15.7843,
4.5911

41.8312, -15.7843,
4.5911

154.2832,
-30.0365, 12.0363

32.5439, -14.0432,
3.8887

62.5956, -19.0983,
6.0732

24.0677, -12.2092,
3.2098

73.9768, -20.7017,
6.8522

16.4905, -10.2328,
2.5518

85.9747, -22.2827,
7.6561

9.9350, -8.9567,
1.9379

98.5591, -23.8481,
8.4848

0.0000, NaN, NaN

0.0000, NaN, NaN

111.7038,
-25.4027, 9.3376

0.0000, NaN, NaN

125.3859,

0.0000, NaN, NaN

-26.9504, 10.2141

0.0000, NaN, NaN

139.5851,
-28.4942, 11.1138

■ 41.8312, -15.7843,
4.5911

■ 41.8312, -15.7843,
4.5911

■ 41.1292, -18.6981,
5.4249

■ 42.6472, -12.5000,
3.8582

■ 40.5374, -21.2210,
6.3484

■ 43.5743, -8.8692,
3.2315

■ 40.0539, -23.3437,
7.3503

■ 44.6120, -4.9225,
2.7158

■ 39.6738, -25.0675,
8.4159

■ 45.7576, -0.6927,
2.3129

■ 39.3900, -26.4067,
9.5287

■ 47.0079, 3.7865,
2.0226

■ 39.1867, -27.4160,
10.6637

■ 48.3591, 8.4820,
1.8429

■ 39.1121, -27.7912,
11.1065

■ 49.8070, 13.3625,
1.7703

■ 51.3468, 18.3991,
1.8002

■ 52.9742, 23.5656,
1.9274

Harmonies

Analogous

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



41.8321, -12.9630, 10.2905



41.8312, -15.7843, 4.5911



41.8321, -15.1820, -2.8586

Triad

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



41.8321, -15.7849, 4.5916



41.8321, 2.9769, -13.1260



41.8321, 7.6189, 11.6775

Complementary

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



41.8312, -15.7843, 4.5911



33.0514, 14.4872, 1.1972

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.



41.8321, 12.5090, 6.8342



41.8312, -15.7843, 4.5911



41.8321, 9.6981, -7.7227

Square

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



41.8321, -15.7849, 4.5916



41.8321, -4.7111, -14.0216



41.8321, 13.2962, -0.1779



41.8321, 0.3015, 13.8671

Rectangle

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



41.8312, -15.7843, 4.5911



41.8321, -12.9020, -7.8179



41.8321, 13.2962, -0.1779



41.8321, 9.6227, 10.3514

Sweetspot

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



41.8321, -15.7849, 4.5916



58.9487, -9.4182, 3.9789



42.0956, -16.0845, 14.9678



28.0441, -4.7603, 1.9336



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



41.8321, -15.7849, 4.5916



55.2102, -24.2975, 7.0308



40.2525, -10.4944, -3.9598



22.0528, -3.0802, 1.4267



39.9550, -28.4016, 11.3705

0.0000, NaN, NaN

Inverse Universe

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



33.0514, 14.4872, 1.1972



41.1233, 24.5625, 1.7637



34.2281, 9.4291, 8.1093



20.8952, 0.8701, 0.9562



21.7286, 37.9968, 7.9475

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 41.8312, -15.7843, 4.5911 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 41.8312, -15.7843, 4.5911 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 41.8312, -15.7843, 4.5911 Background



This preview shows how black text looks on a background with the HunterLab color 41.8312, -15.7843, 4.5911.



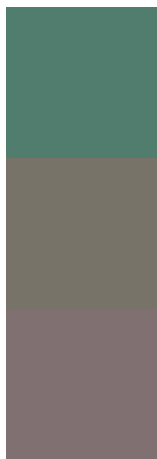
This preview shows how white text looks on a background with the HunterLab color 41.8312, -15.7843, 4.5911.

-15.7843, 4.5911.

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

41.8312, -15.7843, 4.5911

Protanopia

41.5626, -2.1881, 6.5074

Deuteranopia

41.6771, 2.7740, 3.5047



Tritanopia

41.8525, -9.8186, -5.3076

Trichromacy



Original Color

41.8312, -15.7843, 4.5911

Protanomaly

41.5433, -7.9218, 5.6081

Deuteranomaly

41.5595, -4.6894, 3.6576

Tritanomaly

41.7853, -12.0870, -1.5207

Monochromacy



Original Color

41.8312, -15.7843, 4.5911

Achromatopsia

39.4875, -2.1070, 2.1454

Achromatomaly

40.0499, -7.2853, 2.7123

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.8312, -15.7843, 4.5911 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(80, 125, 110)` looks like.

```
.text, #text, p{  
    color:rgb(80, 125, 110)  
}
```

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(80, 125, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 125, 110) }
```

Border

The CSS property to change the border of an element to HunterLab 41.8312, -15.7843, 4.5911 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(80, 125, 110) }
```


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

```
.border{ border-color:rgb(80, 125, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 125, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 125, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 125, 110);  
box-shadow:4px 4px 4px 4px rgb(80, 125,  
110) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.8312, -15.7843, 4.5911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 125, 110) }
```

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

```
.background{ background-color: rgb(80, 125,  
110) }
```

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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