

Converting Colors

HunterLab(15.1734, 4.6954,
-8.2177)

Have a look what the booklet for
HunterLab(15.1734, 4.6954, -8.2177)
contains.

HunterLab(15.1391, 4.6906, -8.4378)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(15.1391, 4.6906,
-8.4378)**

Conversions

Conversions Part 1

Format	Color
Hex	2D263E
RGB	45, 38, 62
RGB Percent	18%, 15%, 24%
CMY	0.8235, 0.8510, 0.7569
CMYK	0.27, 0.39, 0.00, 0.76
HSL	257°, 24%, 20%
HSV	257°, 39%, 24%
XYZ	2.6448, 2.2919, 4.8604
YIQ	42.8290, -3.5320, 8.9480

Conversions

Conversions Part 2

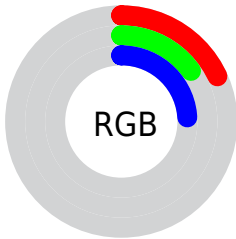
Format	Color
RYB	45, 38, 62
Decimal	2958910
CIELab	16.95, 9.49, -14.14
CIELCh	17, 17.025, 303.869
Yxy	2.2920, 0.2700, 0.2339
Android (android.graphics.Color)	4281148990 (0xFF2D263E)
YUV	42.8290, 9.4513, 1.9040
Hunter-Lab	15.1391, 4.6906, -8.4378




Details

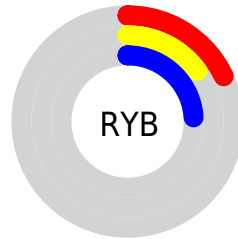
The HunterLab color **15.1391, 4.6906, -8.4378** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **20.9702, -5.6448, 7.6381**, and the grayscale version is **15.4580, -0.8248, 0.8399**.




A 20% lighter version of the original color is **30.8811, 5.0441, -9.2056**, and **2.6216, 4.1548, -12.2457** is the 20% darker color. If you saturate the color by 10%, you get **13.5409, 6.3539, -11.5002**, and if you desaturate by 10%, it is **16.8136, 3.0979, -5.6564**.

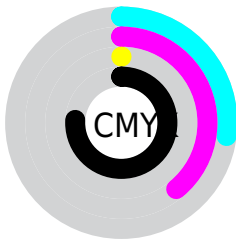
Distribution







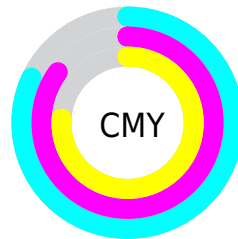
-  Red (18%)
-  Green (15%)
-  Blue (24%)






-  Red (18%)
-  Yellow (15%)
-  Blue (24%)



-  Cyan (27%)
-  Magenta (39%)
-  Yellow (0%)
-  Black (76%)



-  Cyan (82%)
-  Magenta (85%)
-  Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.1391, 4.6906, -8.4378 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 15.1391, 4.6906, -8.4378 by changing the saturation by 10% instead.

■ 15.1391, 4.6906,
-8.4378

■ 15.1391, 4.6906,
-8.4378

■ 109.1212, 4.2940,
-9.1136

■ 8.7720, 4.3647,
-8.1099

■ 30.8404, 5.1531,
-9.0756

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 39.9773, 5.2313,
-9.2782

0.0000, NaN, NaN

■ 49.8720, 5.2288,
-9.4064

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 60.4704, 5.1560,
-9.4658

0.0000, NaN, NaN

■ 71.7285, 5.0207,
-9.4616

0.0000, NaN, NaN

■ 83.6097, 4.8289,

0.0000, NaN, NaN

-9.3988

96.0829, 4.5854,
-9.2816

15.1391, 4.6906,
-8.4378

15.1391, 4.6906,
-8.4378

13.5409, 6.3539,
-11.5002

16.8136, 3.0979,
-5.6564

12.0334, 8.0940,
-14.8986

18.5521, 1.5665,
-3.1060

10.6373, 9.9029,
-18.6743

20.3461, 0.0854,
-0.7422

9.3797, 11.7424,
-22.8230

22.1888, -1.3552,
1.4710

8.2610, 13.6291,
-27.3806

24.0751, -2.7637,
3.5628

■ 7.0721, 16.3972,
-33.5635

■ 26.0005, -4.1469,
5.5561

■ 6.9080, 16.8648,
-34.5641

■ 27.9616, -5.5106,
7.4696

■ 29.9556, -6.8594,
9.3179

■ 31.9800, -8.1971,
11.1129

Harmonies

Analogous

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



15.1394, -0.1804, -10.8248



15.1391, 4.6906, -8.4378



15.1394, 8.4083, -3.5790

Triad

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



15.1394, 4.6904, -8.4374



15.1394, 3.4780, 6.7805



15.1394, -8.9660, 0.2192

Complementary

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



15.1391, 4.6906, -8.4378



20.9702, -5.6448, 7.6381

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.



15.1394, -8.2407, 4.2056



15.1391, 4.6906, -8.4378



15.1394, -1.4268, 7.2465

Square

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



15.1394, 4.6904, -8.4374



15.1394, 7.6494, 4.9485



15.1394, -5.6199, 6.4549



15.1394, -7.7399, -4.9359

Rectangle

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



15.1391, 4.6906, -8.4378



15.1394, 9.5132, -0.1448



15.1394, -5.6199, 6.4549



15.1394, -8.9413, 1.7328

Sweetspot

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



15.1394, 4.6904, -8.4374



25.8755, 0.8560, -2.1494



18.7387, -3.7903, -2.9398



13.2466, 0.4609, -1.1373



62.6995, -3.3455, 3.4066



14.8260, -0.7911, 0.8055

Same Dimension

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



15.1394, 4.6904, -8.4374



17.9494, 8.2383, -14.9006



16.1187, 7.6576, -6.6977



10.7643, 0.0220, -0.3556



10.2693, 25.5172, -54.8416



25.2579, 64.1028, -145.2877

Inverse Universe

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



16.3899, 8.0132, -2.8358



20.0813, 13.5178, -4.8177



20.2563, -8.3319, 6.9684



10.8915, 0.4126, 0.1381



16.7376, 31.0727, -7.8594



42.3618, 78.3040, -17.2626

Previews

White Background



This preview shows how the HunterLab color 15.1391, 4.6906, -8.4378 looks on a white background.

Color Contrast Check

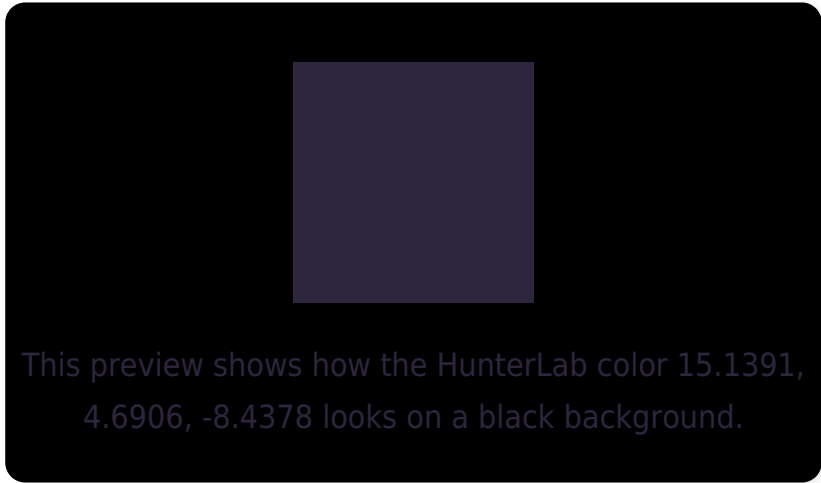
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

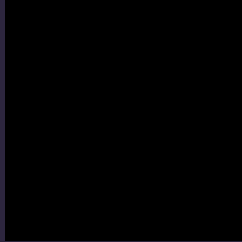
Any Text WCAG AA × Fail

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 15.1391, 4.6906, -8.4378 Background



This preview shows how black text looks on a background with the HunterLab color 15.1391, 4.6906, -8.4378.



This preview shows how white text looks on a background with the HunterLab color 15.1391, 4.6906, -8.4378.

-8.4378.

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

15.1391, 4.6906, -8.4378

Protanopia

15.1356, 1.5134, -10.2373

Deuteranopia

15.2739, 0.4998, -7.7171



Tritanopia

15.2893, -0.4125, -0.2133

Trichromacy



Original Color

15.1391, 4.6906, -8.4378

Protanomaly

15.1032, 2.4916, -9.6912

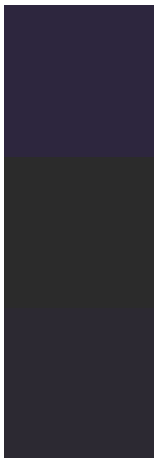
Deuteranomaly

15.2803, 1.6995, -7.6851

Tritanomaly

15.2921, 1.0985, -2.7010

Monochromacy



Original Color

15.1391, 4.6906, -8.4378

Achromatopsia

15.5427, -0.8293, 0.8445

Achromatomaly

15.3351, 1.1854, -2.1969

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.1391, 4.6906, -8.4378 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(45, 38, 62)` looks like.

```
.text, #text, p{  
    color:rgb(45, 38, 62)  
}
```

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(45, 38, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 38, 62) }
```

Border

The CSS property to change the border of an element to HunterLab 15.1391, 4.6906, -8.4378 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(45, 38, 62) }
```


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

```
.border{ border-color:rgb(45, 38, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 38, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 38, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 38, 62);  
box-shadow:4px 4px 4px 4px rgb(45, 38, 62)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.1391, 4.6906, -8.4378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 38, 62) }
```

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

```
.background{ background-color: rgb(45, 38,  
62) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor