

Converting Colors

HunterLab(31.8277, -1.8336,
-11.2381)

Have a look what the booklet for
HunterLab(31.8277, -1.8336,
-11.2381) contains.

HunterLab(31.8741, -1.7879, -11.1255)	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(31.8741, -1.7879,
-11.1255)**

Conversions

Conversions Part 1

Format	Color
Hex	495B74
RGB	73, 91, 116
RGB Percent	29%, 36%, 45%
CMY	0.7137, 0.6431, 0.5451
CMYK	0.37, 0.22, 0.00, 0.55
HSL	215°, 23%, 37%
HSV	215°, 37%, 45%
XYZ	9.6411, 10.1596, 17.9758
YIQ	88.4680, -18.7530, 3.9590

Conversions

Conversions Part 2

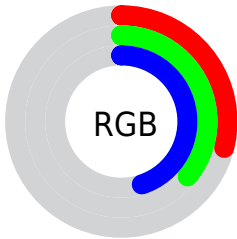
Format	Color
R_{YB}	73, 86, 116
Decimal	4807540
CIE Lab	38.13, -0.12, -16.39
CIE LCh	38, 16.393, 269.569
Yxy	10.1600, 0.2552, 0.2689
Android (android.graphics.Color)	4282997620 (0xFF495B74)
YUV	88.4680, 13.5733, -13.5654
Hunter-Lab	31.8741, -1.7879, -11.1255

Details

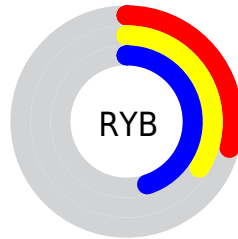
The HunterLab color **31.8741, -1.7879, -11.1255** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **35.9577, 0.4808, 11.7714**, and the grayscale version is **31.3682, -1.6737, 1.7043**.

A 20% lighter version of the original color is **51.0763, -2.8489, -11.5801**, and **16.0965, -1.0398, -10.2437** is the 20% darker color. If you saturate the color by 10%, you get **29.4051, -1.1228, -15.2163**, and if you desaturate by 10%, it is **34.4406, -2.1890, -7.2610**.

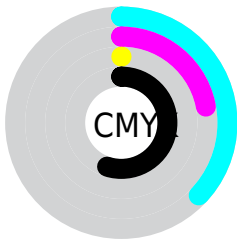
Distribution



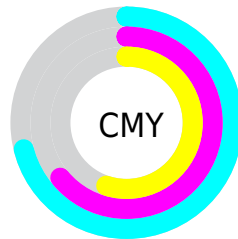
- Red (29%)
- Green (36%)
- Blue (45%)



- Red (29%)
- Yellow (34%)
- Blue (45%)



- Cyan (37%)
- Magenta (22%)
- Yellow (0%)
- Black (55%)



- Cyan (71%)
- Magenta (64%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.8741, -1.7879, -11.1255 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 31.8741, -1.7879, -11.1255 by changing the saturation by 10% instead.

■ 31.8741, -1.7879,
-11.1255

■ 31.8741, -1.7879,
-11.1255

■ 138.4955, -7.5371,
-11.3487

■ 23.4631, -1.3306,
-10.7748

■ 51.0842, -2.8288,
-11.6064

■ 15.9581, -0.9204,
-10.3632

■ 61.7624, -3.4057,
-11.7422

■ 9.4863, -0.5639,
-9.9510

■ 73.0956, -4.0172,
-11.8138

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 85.0481, -4.6614,
-11.8257

0.0000, NaN, NaN

■ 97.5891, -5.3368,
-11.7817

0.0000, NaN, NaN

110.6924, -6.0420,

0.0000, NaN, NaN

-11.6856

0.0000, NaN, NaN

124.3347, -6.7758,
-11.5403

■ 31.8741, -1.7879,
-11.1255

■ 31.8741, -1.7879,
-11.1255

■ 29.4051, -1.1228,
-15.2163

■ 34.4406, -2.1890,
-7.2610

■ 27.0443, -0.1487,
-19.5621

■ 37.0922, -2.3637,
-3.5968

■ 24.8074, 1.1828,
-24.1835

■ 39.8205, -2.3449,
-0.1056

■ 22.7117, 2.9212,
-29.0884

■ 42.6182, -2.1598,
3.2365

■ 20.7766, 5.1074,
-34.2600

■ 45.4790, -1.8312,
6.4511

■ 19.0008, 7.6955,
-39.7156

■ 48.3976, -1.3779,
9.5564

■ 18.4957, 8.4787,
-41.4212

■ 51.3695, -0.8158,
12.5686

■ 54.3907, -0.1579,
15.5011

■ 57.4580, 0.5847,
18.3656

Harmonies

Analogous

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



31.8747, -7.2732, -9.1027



31.8741, -1.7879, -11.1255



31.8747, 4.1201, -9.2110

Triad

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



31.8747, -1.7882, -11.1249



31.8747, 8.8306, 6.6357



31.8747, -10.9480, 6.7533

Complementary

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



31.8741, -1.7879, -11.1255



35.9577, 0.4808, 11.7714

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.



31.8747, -7.1349, 9.7990



31.8741, -1.7879, -11.1255



31.8747, 4.2793, 9.7404

Square

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



31.8747, -1.7882, -11.1249



31.8747, 10.5163, 1.6533



31.8747, -1.6167, 10.7854



31.8747, -12.3193, 1.8165

Rectangle

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



31.8741, -1.7879, -11.1255



31.8747, 7.4470, -6.1292



31.8747, -1.6167, 10.7854



31.8747, -9.9237, 7.9969

Sweetspot

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



31.8747, -1.7882, -11.1249



51.2600, -3.1482, -2.0634



38.4414, -15.4140, 5.8357



24.8538, -1.5393, -1.2416



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



31.8747, -1.7882, -11.1249



39.6147, -1.6912, -19.0891



27.4908, 7.1158, -18.5716



19.5409, -1.1755, -0.3900



19.5029, 9.1793, -44.1924



41.1340, 24.5763, -104.4672

Inverse Universe

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



30.3871, 14.2209, -0.3391



37.5176, 23.6627, -0.6759



40.6098, -8.3197, 15.6746



19.2975, 0.8391, 0.7077



20.9951, 37.1033, 4.6640



46.1709, 81.2607, 12.8449

Previews

White Background



This preview shows how the HunterLab color 31.8741, -1.7879, -11.1255 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 31.8741, -1.7879, -11.1255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

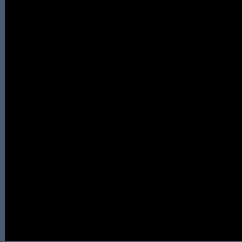
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

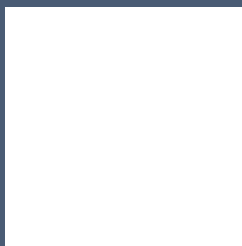
Any Text WCAG AAA × Fail

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

HunterLab 31.8741, -1.7879, -11.1255 Background



This preview shows how black text looks on a background with the HunterLab color 31.8741, -1.7879, -11.1255.



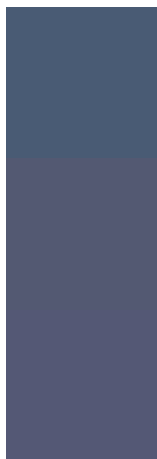
This preview shows how white text looks on a background with the HunterLab color 31.8741, -1.7879, -11.1255.

-11.1255.

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

31.8741, -1.7879, -11.1255

Protanopia

31.9353, 0.9962, -9.8599

Deuteranopia

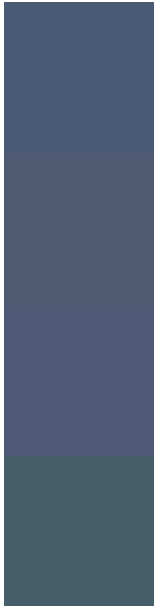
31.8569, 2.2813, -11.6522



Tritanopia

31.9534, -6.7264, -3.2732

Trichromacy



Original Color

31.8741, -1.7879, -11.1255

Protanomaly

31.9568, -0.2068, -10.4045

Deuteranomaly

31.8349, 0.8728, -11.7121

Tritanomaly

31.8926, -5.2068, -5.7885

Monochromacy



Original Color

31.8741, -1.7879, -11.1255

Achromatopsia

31.2390, -1.6668, 1.6973

Achromatomaly

31.4096, -1.8634, -2.4904

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.8741, -1.7879, -11.1255 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(73, 91, 116)` looks like.

```
.text, #text, p{  
    color:rgb(73, 91, 116)  
}
```

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(73, 91, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 91, 116) }
```

Border

The CSS property to change the border of an element to HunterLab 31.8741, -1.7879, -11.1255 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(73, 91, 116) }
```


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

```
.border{ border-color:rgb(73, 91, 116) }
```

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

Here you see how a box with a 4 pixel rgb(73, 91, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 91, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 91, 116);  
box-shadow:4px 4px 4px 4px rgb(73, 91,  
116) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.8741, -1.7879, -11.1255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 91, 116) }
```

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

```
.background{ background-color: rgb(73, 91,  
116) }
```

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