

Converting Colors

HunterLab(48.5747, -20.8401,
3.0061)

Have a look what the booklet for
HunterLab(48.5747, -20.8401,
3.0061) contains.

HunterLab(48.5144, -20.7617, 2.8524)	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(48.5144,
-20.7617, 2.8524)**

Conversions

Conversions Part 1

Format	Color
Hex	4E9184
RGB	78, 145, 132
RGB Percent	31%, 57%, 52%
CMY	0.6941, 0.4314, 0.4823
CMYK	0.46, 0.00, 0.09, 0.43
HSL	168°, 30%, 44%
HSV	168°, 46%, 57%
XYZ	17.4322, 23.5365, 25.4540
YIQ	123.4850, -35.7590, -18.2470

Conversions

Conversions Part 2

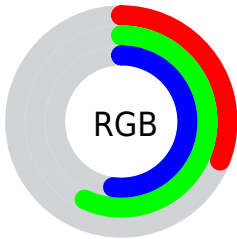
Format	Color
RYB	78, 115, 145
Decimal	5149060
CIELab	55.62, -24.63, 0.28
CIElCh	56, 24.632, 179.350
Yxy	23.5374, 0.2624, 0.3543
Android (android.graphics.Color)	4283339140 (0xFF4E9184)
YUV	123.4850, 4.1979, -39.8903
Hunter-Lab	48.5144, -20.7617, 2.8524

Details

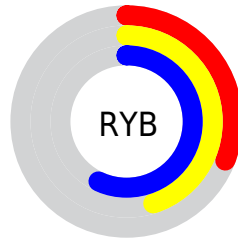
The HunterLab color $[48.5144, -20.7617, 2.8524]$ is a dark color, and the websafe version is hex 339999 . A complement of this color would be $[34.9636, 21.9824, 5.1438]$, and the grayscale version is $[44.6892, -2.3845, 2.4280]$.

A 20% lighter version of the original color is $[70.1248, -24.6153, 3.9725]$, and $[29.6657, -16.4449, 1.6361]$ is the 20% darker color. If you saturate the color by 10%, you get $[47.8696, -23.4278, 3.2821]$, and if you desaturate by 10%, it is $[49.2920, -17.6377, 2.5758]$.

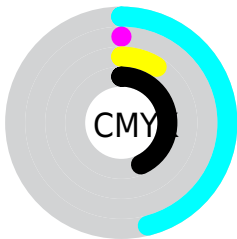
Distribution



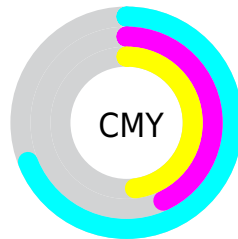
- Red (31%)
- Green (57%)
- Blue (52%)



- Red (31%)
- Yellow (45%)
- Blue (57%)



- Cyan (46%)
- Magenta (0%)
- Yellow (9%)
- Black (43%)



- Cyan (69%)
- Magenta (43%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.5144, -20.7617, 2.8524 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 48.5144, -20.7617, 2.8524 by changing the saturation by 10% instead.

■ 48.5144, -20.7617,
2.8524

■ 48.5144, -20.7617,
2.8524

164.4607,
-37.3447, 9.2712

■ 38.7180, -18.6997,
2.3043

■ 70.1956, -24.6709,
4.0611

■ 29.6866, -16.5280,
1.7959

■ 81.9959, -26.5517,
4.7162

■ 21.4927, -14.1989,
1.3314

■ 94.3921, -28.3985,
5.4031

■ 14.2328, -11.6277,
0.9153

■ 107.3567,
-30.2193, 6.1205

■ 7.8889, -13.8056,
0.5763

■ 120.8659,
-32.0201, 6.8670

0.0000, NaN, NaN

134.8986,

0.0000, NaN, NaN

-33.8055, 7.6416

0.0000, NaN, NaN

149.4358,
-35.5794, 8.4433

0.0000, NaN, NaN

■ 48.5144, -20.7617,
2.8524

■ 48.5144, -20.7617,
2.8524

■ 47.8696, -23.4278,
3.2821

■ 49.2920, -17.6377,
2.5758

■ 47.3505, -25.6286,
3.8541

■ 50.2014, -14.0716,
2.4558

■ 46.9515, -27.3718,
4.5561

■ 51.2441, -10.0900,
2.4948

■ 46.6633, -28.6808,
5.3713

■ 52.4186, -5.7251,
2.6915

■ 46.4688, -29.6142,
6.2739

■ 53.7225, -1.0134,
3.0418

■ 46.4034, -29.9344,
6.6195

■ 55.1522, 4.0070,
3.5398

■ 56.7033, 9.2977,
4.1777

■ 58.3710, 14.8219,
4.9468

■ 60.1500, 20.5451,
5.8379

Harmonies

Analogous

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



48.5154, -18.4041, 11.2568



48.5144, -20.7617, 2.8524



48.5154, -18.5979, -7.4729

Triad

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



48.5154, -20.7622, 2.8530



48.5154, 7.4482, -16.7006



48.5154, 7.8669, 16.1560

Complementary

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



48.5144, -20.7617, 2.8524



34.9636, 21.9824, 5.1438

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.



48.5154, 15.8041, 10.9582



48.5144, -20.7617, 2.8524



48.5154, 15.5485, -7.9184

Square

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



48.5154, -20.7622, 2.8530



48.5154, -2.8146, -20.0867



48.5154, 18.7233, 2.4277



48.5154, -2.3675, 17.8923

Rectangle

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



48.5144, -20.7617, 2.8524



48.5154, -14.7705, -13.8394



48.5154, 18.7233, 2.4277



48.5154, 10.9222, 14.8171

Sweetspot

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



48.5154, -20.7622, 2.8530



68.8622, -12.4225, 3.3727



48.0066, -25.0582, 20.2404



32.3421, -6.3752, 1.5745



85.4018, -4.5568, 4.6400



33.5864, -1.7921, 1.8248

Same Dimension

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



48.5154, -20.7622, 2.8530



64.0638, -31.3317, 4.3881



42.7865, -9.9017, -10.9308



24.6954, -3.3469, 1.2415



42.9794, -27.6973, 6.0699



4.2377, -2.4955, 0.0904

Inverse Universe

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



34.9636, 21.9824, 5.1438



42.7611, 36.6496, 8.4399



39.1467, 10.9703, 13.3969



23.3241, 0.8843, 1.4244



22.8887, 39.5279, 12.2300



2.2939, 4.0701, 0.3829

Previews

White Background



This preview shows how the HunterLab color 48.5144, -20.7617, 2.8524 looks on a white 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

Black Background



This preview shows how the HunterLab color 48.5144, -20.7617, 2.8524 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

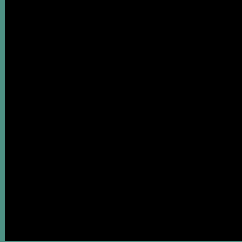
Any Text WCAG AA ✓ Pass

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 48.5144, -20.7617, 2.8524 Background



This preview shows how black text looks on a background with the HunterLab color 48.5144, -20.7617, 2.8524.



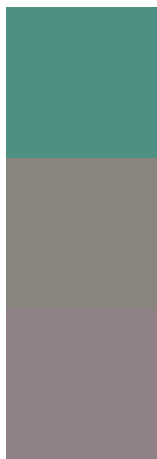
This preview shows how white text looks on a background with the HunterLab color 48.5144, -20.7617, 2.8524.

-20.7617, 2.8524.

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

48.5144, -20.7617, 2.8524

Protanopia

48.2717, -2.1270, 5.8769

Deuteranopia

48.1095, 3.6113, 1.0024



Tritanopia

48.5085, -14.6838, -7.2016

Trichromacy



Original Color

48.5144, -20.7617, 2.8524

Protanomaly

48.1278, -9.8814, 4.3246

Deuteranomaly

47.7415, -6.3622, 0.8404

Tritanomaly

48.4594, -16.9797, -3.2120

Monochromacy



Original Color

48.5144, -20.7617, 2.8524

Achromatopsia

44.5050, -2.3747, 2.4180

Achromatomaly

45.6780, -9.8087, 2.3540

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.5144, -20.7617, 2.8524 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(78, 145, 132)` looks like.

```
.text, #text, p{  
    color:rgb(78, 145, 132)  
}
```

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(78, 145, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 145, 132) }
```

Border

The CSS property to change the border of an element to HunterLab 48.5144, -20.7617, 2.8524 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(78, 145, 132) }
```


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

```
.border{ border-color:rgb(78, 145, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 145, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 145, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 145, 132);  
box-shadow:4px 4px 4px 4px rgb(78, 145,  
132) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.5144, -20.7617, 2.8524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 145, 132) }
```

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

```
.background{ background-color: rgb(78, 145,  
132) }
```

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