

Converting Colors

HunterLab(49.2845, -5.1220,
-9.1813)

Have a look what the booklet for
HunterLab(49.2845, -5.1220,
-9.1813) contains.

HunterLab(49.3204, -5.1802, -9.1310)	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(49.3204, -5.1802,
-9.1310)

Conversions

Conversions Part 1

Format	Color
Hex	738A9F
RGB	115, 138, 159
RGB Percent	45%, 54%, 62%
CMY	0.5490, 0.4588, 0.3765
CMYK	0.28, 0.13, 0.00, 0.38
HSL	209°, 19%, 54%
HSV	209°, 28%, 62%
XYZ	22.4167, 24.3250, 36.3147
YIQ	133.5170, -20.4490, 1.6550

Conversions

Conversions Part 2

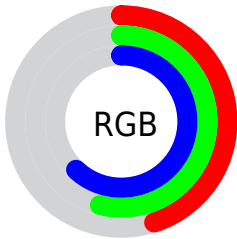
Format	Color
R_{YB}	115, 130, 159
Decimal	7572127
CIE Lab	56.41, -3.20, -13.85
CIE LCh	56, 14.214, 256.994
Yxy	24.3260, 0.2699, 0.2929
Android (android.graphics.Color)	4285762207 (0xFF738A9F)
YUV	133.5170, 12.5631, -16.2394
Hunter-Lab	49.3204, -5.1802, -9.1310

Details

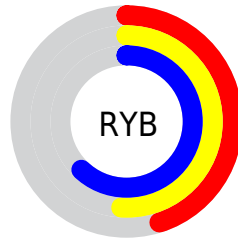
The HunterLab color $49.3204, -5.1802, -9.1310$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $51.2028, 1.7217, 12.7989$, and the grayscale version is $48.5935, -2.5928, 2.6402$.

A 20% lighter version of the original color is $71.0222, -6.3727, -9.4572$, and $30.3084, -3.7067, -9.1427$ is the 20% darker color. If you saturate the color by 10%, you get $46.0841, -5.2998, -13.8969$, and if you desaturate by 10%, it is $52.6808, -4.7080, -4.5373$.

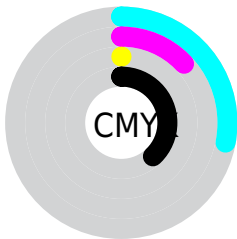
Distribution



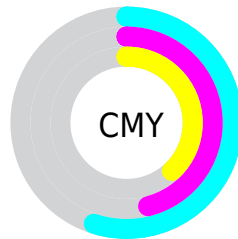
- Red (45%)
- Green (54%)
- Blue (62%)



- Red (45%)
- Yellow (51%)
- Blue (62%)



- Cyan (28%)
- Magenta (13%)
- Yellow (0%)
- Black (38%)



- Cyan (55%)
- Magenta (46%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.3204, -5.1802, -9.1310 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 49.3204, -5.1802, -9.1310 by changing the saturation by 10% instead.

■ 49.3204, -5.1802,
-9.1310

■ 49.3204, -5.1802,
-9.1310

165.6697,
-12.6841, -7.6487

■ 39.4660, -4.4682,
-9.0093

■ 71.1067, -6.6811,
-9.1702

■ 30.3716, -3.7802,
-8.8136

■ 82.9552, -7.4683,
-9.0998

■ 22.1084, -3.1156,
-8.5386

■ 95.3973, -8.2797,
-8.9751

■ 14.7702, -2.4711,
-8.1871

108.4059, -9.1150,
-8.7997

■ 8.4257, -2.1044,
-7.9543

121.9572, -9.9735,
-8.5767

0.0000, NaN, -NF

0.0000, NaN, NaN

136.0305,

-10.8548, -8.3090

0.0000, NaN, NaN

150.6069,
-11.7585, -7.9989

0.0000, NaN, NaN

■ 49.3204, -5.1802,
-9.1310

■ 49.3204, -5.1802,
-9.1310

■ 46.0841, -5.2998,
-13.8969

■ 52.6808, -4.7080,
-4.5373

■ 42.9818, -5.0143,
-18.8495

■ 56.1509, -3.9263,
-0.1039

■ 40.0288, -4.2693,
-23.9939

■ 59.7218, -2.8748,
4.1858

■ 37.2410, -3.0083,
-29.3267

■ 63.3849, -1.5869,
8.3474

■ 34.6346, -1.1798,
-34.8306

■ 67.1326, -0.0914,
12.3958

■ 32.2248, 1.2522,
-40.4720

■ 70.9584, 1.5873,
16.3446

■ 30.0101, 4.2494,
-46.2381

■ 74.8566, 3.4286,
20.2061

■ 29.5092, 4.9798,
-47.6339

■ 78.8221, 5.4149,
23.9915

■ 82.4918, 6.3321,
27.3663

Harmonies

Analogous

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



49.3214, -10.1921, -5.9484



49.3204, -5.1802, -9.1310



49.3214, 0.7516, -8.8888

Triad

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



49.3214, -5.1808, -9.1301



49.3214, 8.7815, 5.7585



49.3214, -10.7190, 9.5411

Complementary

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



49.3204, -5.1802, -9.1310



51.2028, 1.7217, 12.7989

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.



49.3214, -5.9313, 11.9935



49.3204, -5.1802, -9.1310



49.3214, 5.4079, 9.9936

Square

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



49.3214, -5.1808, -9.1301



49.3214, 9.0060, 0.1740



49.3214, -0.0350, 12.1487



49.3214, -13.2861, 5.0700

Rectangle

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



49.3204, -5.1802, -9.1310



49.3214, 4.4349, -6.8148



49.3214, -0.0350, 12.1487



49.3214, -9.3265, 10.6046

Sweetspot

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



49.3214, -5.1808, -9.1301



74.9172, -5.3132, -0.4193



54.9600, -18.6228, 8.5989



35.2500, -2.6044, -0.6003



89.8524, -4.7943, 4.8819



37.4146, -1.9963, 2.0328

Same Dimension

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



49.3214, -5.1808, -9.1301



63.4030, -7.0892, -15.9881



43.2982, 5.1467, -18.1460



26.4201, -1.9330, -0.3755



26.3853, 4.1254, -41.8849



4.5714, -1.1592, -3.2114

Inverse Universe

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



46.3336, 15.2936, -1.9515



58.7759, 25.8874, -3.7345



57.3621, -8.4591, 18.4327



25.8866, 1.3848, 0.6151



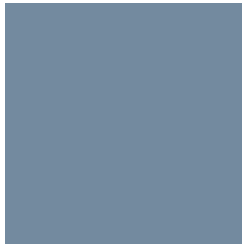
25.1496, 45.0703, 0.7410



3.4875, 6.4749, -1.6424

Previews

White Background



This preview shows how the HunterLab color 49.3204, -5.1802, -9.1310 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 49.3204, -5.1802, -9.1310 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

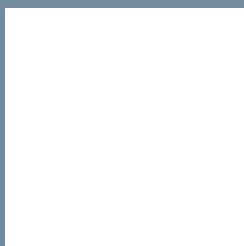
Any Text WCAG AAA × Fail

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

HunterLab 49.3204, -5.1802, -9.1310 Background



This preview shows how black text looks on a background with the HunterLab color 49.3204, -5.1802, -9.1310.



This preview shows how white text looks on a background with the HunterLab color 49.3204, -5.1802, -9.1310.

-9.1310.

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

49.3204, -5.1802, -9.1310

Protanopia

49.2705, 0.3120, -7.4829

Deuteranopia

49.2695, 3.4451, -9.6018



Tritanopia

49.2040, -7.6437, -5.0943

Trichromacy



Original Color

49.3204, -5.1802, -9.1310

Protanomaly

49.1144, -1.6065, -8.2711

Deuteranomaly

49.1706, 0.2503, -9.7992

Tritanomaly

49.3718, -6.8440, -6.4105

Monochromacy



Original Color

49.3204, -5.1802, -9.1310

Achromatopsia

48.8260, -2.6052, 2.6528

Achromatomaly

48.8090, -3.5903, -1.5539

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.3204, -5.1802, -9.1310 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(115, 138, 159)` looks like.

```
.text, #text, p{  
    color:rgb(115, 138, 159)  
}
```

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(115, 138, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 138, 159) }
```

Border

The CSS property to change the border of an element to HunterLab 49.3204, -5.1802, -9.1310 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(115, 138, 159) }
```


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

```
.border{ border-color:rgb(115, 138, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 138, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 138, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 138, 159); box-shadow:4px 4px 4px 4px rgb(115, 138, 159) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.3204, -5.1802, -9.1310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 138, 159) }
```

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

```
.background{ background-color: rgb(115,  
138, 159) }
```

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