

Converting Colors

HunterLab(43.3668, -12.9950,
-17.7308)

Have a look what the booklet for
HunterLab(43.3668, -12.9950,
-17.7308) contains.

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Color

**HunterLab(43.3844,
-13.0204, -17.7017)**

Conversions

Conversions Part 1

Format	Color
Hex	31819E
RGB	49, 129, 158
RGB Percent	19%, 51%, 62%
CMY	0.8078, 0.4941, 0.3804
CMYK	0.69, 0.18, 0.00, 0.38
HSL	196°, 53%, 41%
HSV	196°, 69%, 62%
XYZ	15.2884, 18.8221, 35.1749
YIQ	108.3860, -56.9890, -7.9410

Conversions

Conversions Part 2

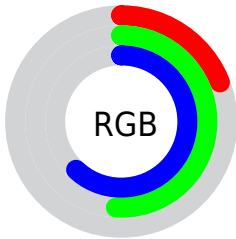
Format	Color
R_{YB}	49, 95, 158
Decimal	3244446
CIE _{Lab}	50.48, -14.62, -22.61
CIE _{LCh}	50, 26.929, 237.112
Yxy	18.8227, 0.2207, 0.2717
Android (android.graphics.Color)	4281434526 (0xFF31819E)
YUV	108.3860, 24.4597, -52.0815
Hunter-Lab	43.3844, -13.0204, -17.7017

Details

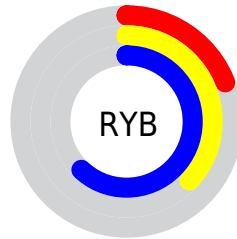
The HunterLab color $43.3844, -13.0204, -17.7017$ is a dark color, and the websafe version is hex $3399CC$. A complement of this color would be $35.9729, 23.2880, 17.7837$, and the grayscale version is $38.7981, -2.0702, 2.1080$.

A 20% lighter version of the original color is $64.3802, -15.8395, -18.5801$, and $26.0746, -7.8250, -15.6991$ is the 20% darker color. If you saturate the color by 10%, you get $41.7271, -12.6478, -20.4727$, and if you desaturate by 10%, it is $45.1854, -12.8879, -14.8280$.

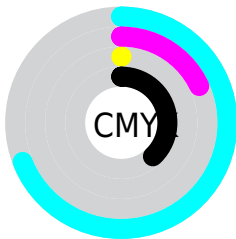
Distribution



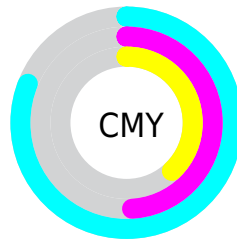
- Red (19%)
- Green (51%)
- Blue (62%)



- Red (19%)
- Yellow (37%)
- Blue (62%)



- Cyan (69%)
- Magenta (18%)
- Yellow (0%)
- Black (38%)



- Cyan (81%)
- Magenta (49%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 43.3844, -13.0204, -17.7017 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 43.3844, -13.0204, -17.7017 by changing the saturation by 10% instead.

43.3844, -13.0204,
-17.7017

43.3844, -13.0204,
-17.7017

156.6743,
-25.2840, -19.0956

33.9739, -11.5895,
-17.2529

64.3695, -15.7925,
-18.4154

25.3630, -10.1057,
-16.7595

75.8514, -17.1543,
-18.6790

17.6352, -8.5369,
-16.2638

87.9448, -18.5086,
-18.8827

10.9061, -6.8809,
-15.9059

100.6203,
-19.8596, -19.0290

2.3032, -4.0306,
-44.9334

113.8522,
-21.2105, -19.1208

0.0000, NaN, -NF

0.0000, NaN, NaN

127.6182,

-22.5636, -19.1608

0.0000, NaN, NaN

141.8982,
-23.9210, -19.1516

0.0000, NaN, NaN

■ 43.3844, -13.0204,
-17.7017

■ 43.3844, -13.0204,
-17.7017

■ 41.7271, -12.6478,
-20.4727

■ 45.1854, -12.8879,
-14.8280

■ 40.2093, -11.7757,
-23.1276

■ 47.1259, -12.2639,
-11.8736

■ 38.8072, -10.4987,
-25.6926

■ 49.2022, -11.1740,
-8.8577

■ 38.6664, -10.3639,
-25.9569

■ 51.4084, -9.6506,
-5.7988

■ 53.7379, -7.7297,
-2.7125

■ 56.1835, -5.4480,
0.3880

■ 58.7382, -2.8412,
3.4925

■ 61.3951, 0.0573,
6.5934

■ 64.1475, 3.2166,
9.6852

Harmonies

Analogous

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



43.3852, -19.2869, -7.6325



43.3844, -13.0204, -17.7017



43.3852, -3.3579, -22.3421

Triad

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



43.3852, -13.0203, -17.7009



43.3852, 20.4145, 1.3551



43.3852, -11.3753, 16.5147

Complementary

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



43.3844, -13.0204, -17.7017



35.9729, 23.2880, 17.7837

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.



43.3852, -1.2667, 17.8129



43.3844, -13.0204, -17.7017



43.3852, 17.7427, 10.4292

Square

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



43.3852, -13.0203, -17.7009



43.3852, 16.5202, -9.7833



43.3852, 9.5358, 15.8832



43.3852, -18.4043, 11.7715

Rectangle

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



43.3844, -13.0204, -17.7017



43.3852, 3.9592, -21.0588



43.3852, 9.5358, 15.8832



43.3852, -8.2560, 17.3091

Sweetspot

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



43.3852, -13.0203, -17.7009



71.6397, -11.0912, -4.6670



50.6285, -36.3940, 22.4981



33.6271, -5.5927, -2.7278



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.



43.3852, -13.0203, -17.7009



55.0548, -16.4623, -29.6261



28.8545, 11.6176, -48.4850



26.8526, -2.6378, 0.1465



34.7001, -9.4144, -23.0490



5.2914, -2.1523, -1.9676

Inverse Universe

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



33.2436, 44.7124, -15.7751



41.2073, 69.2690, -21.8687



48.6385, -1.6697, 26.3987



25.9315, 1.6258, -0.0235



26.1491, 48.6662, -13.2198



3.5888, 6.8340, -3.0154

Previews

White Background



This preview shows how the HunterLab color 43.3844, -13.0204, -17.7017 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 43.3844, -13.0204, -17.7017 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 43.3844, -13.0204, -17.7017 Background



This preview shows how black text looks on a background with the HunterLab color 43.3844, -13.0204, -17.7017.



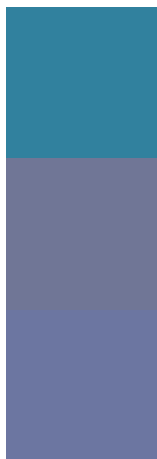
This preview shows how white text looks on a background with the HunterLab color 43.3844, -13.0204, -17.7017.

-13.0204, -17.7017.

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

43.3844, -13.0204, -17.7017

Protanopia

43.1319, 1.7659, -13.0549

Deuteranopia

43.2646, 3.0721, -19.4944



Tritanopia

43.4590, -18.6722, -8.4610

Trichromacy



Original Color

43.3844, -13.0204, -17.7017

Protanomaly

42.8285, -4.8098, -15.4139

Deuteranomaly

42.9923, -3.6776, -19.4379

Tritanomaly

43.4561, -16.6611, -11.7397

Monochromacy



Original Color

43.3844, -13.0204, -17.7017

Achromatopsia

38.7246, -2.0663, 2.1040

Achromatomaly

40.0292, -7.8814, -4.7084

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 43.3844, -13.0204, -17.7017 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(49, 129, 158)` looks like.

```
.text, #text, p{  
    color:rgb(49, 129, 158)  
}
```

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(49, 129, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 129, 158) }
```

Border

The CSS property to change the border of an element to HunterLab 43.3844, -13.0204, -17.7017 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(49, 129, 158) }
```


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

```
.border{ border-color:rgb(49, 129, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 129, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(49, 129, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(49, 129, 158); box-shadow:4px 4px 4px 4px rgb(49, 129, 158) }
```

Background

The CSS property to change the background color of an element to HunterLab 43.3844, -13.0204, -17.7017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 129, 158) }
```

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

```
.background{ background-color: rgb(49, 129,  
158) }
```

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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