

Converting Colors

HunterLab(48.9019, -15.3189,
-20.2442)

Have a look what the booklet for
HunterLab(48.9019, -15.3189,
-20.2442) contains.

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Color

**HunterLab(48.7434,
-15.2642, -20.1933)**

Conversions

Conversions Part 1

Format	Color
Hex	3290B0
RGB	50, 144, 176
RGB Percent	20%, 56%, 69%
CMY	0.8039, 0.4353, 0.3098
CMYK	0.72, 0.18, 0.00, 0.31
HSL	195°, 56%, 44%
HSV	195°, 72%, 69%
XYZ	19.1251, 23.7592, 44.6523
YIQ	119.5420, -66.2960, -9.9760

Conversions

Conversions Part 2

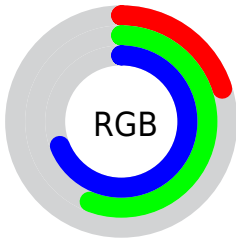
Format	Color
RYB	50, 104, 176
Decimal	3313840
CIELab	55.85, -16.69, -24.72
CIElCh	56, 29.823, 235.977
Yxy	23.7600, 0.2185, 0.2714
Android (android.graphics.Color)	4281503920 (0xFF3290B0)
YUV	119.5420, 27.8338, -60.9883
Hunter-Lab	48.7434, -15.2642, -20.1933

Details

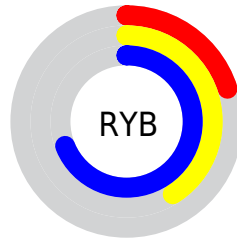
The HunterLab color **48.7434, -15.2642, -20.1933** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **39.3652, 28.5947, 20.2109**, and the grayscale version is **43.0760, -2.2984, 2.3404**.

A 20% lighter version of the original color is **70.5160, -18.1762, -21.0567**, and **30.7172, -9.7196, -17.4120** is the 20% darker color. If you saturate the color by 10%, you get **46.9765, -14.7448, -23.1527**, and if you desaturate by 10%, it is **50.6731, -15.2067, -17.1011**.

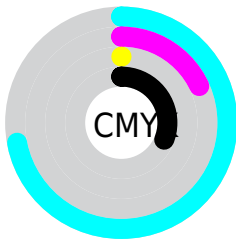
Distribution



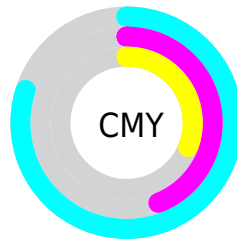
- Red (20%)
- Green (56%)
- Blue (69%)



- Red (20%)
- Yellow (41%)
- Blue (69%)



- Cyan (72%)
- Magenta (18%)
- Yellow (0%)
- Black (31%)



- Cyan (80%)
- Magenta (44%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.7434, -15.2642, -20.1933 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 48.7434, -15.2642, -20.1933 by changing the saturation by 10% instead.

■ 48.7434, -15.2642,
-20.1933

■ 48.7434, -15.2642,
-20.1933

164.8045,
-28.3901, -21.8798

■ 38.9303, -13.7220,
-19.7221

■ 70.4545, -18.2494,
-20.9604

■ 29.8810, -12.1251,
-19.2078

■ 82.2685, -19.7128,
-21.2545

■ 21.6673, -10.4447,
-18.6841

■ 94.6778, -21.1653,
-21.4905

■ 14.3850, -8.6303,
-18.2510

■ 107.6549,
-22.6115, -21.6705

■ 8.0453, -9.4674,
-18.7203

■ 121.1761,
-24.0547, -21.7971

0.0000, NaN, -NF

0.0000, NaN, -NF

135.2203,

-25.4975, -21.8726

0.0000, NaN, NaN

149.7688,
-26.9421, -21.8994

0.0000, NaN, NaN

■ 48.7434, -15.2642,
-20.1933

■ 48.7434, -15.2642,
-20.1933

■ 46.9765, -14.7448,
-23.1527

■ 50.6731, -15.2067,
-17.1011

■ 45.3650, -13.6663,
-25.9684

■ 52.7628, -14.5801,
-13.8991

■ 44.1002, -12.4405,
-28.2659

■ 55.0094, -13.4086,
-10.6092

■ 57.4073, -11.7262,
-7.2530

■ 59.9492, -9.5728,
-3.8502

■ 62.6275, -6.9902,
-0.4174

■ 65.4341, -4.0200,
3.0319

■ 68.3612, -0.7017,
6.4872

■ 71.4010, 2.9279,
9.9406

Harmonies

Analogous

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



48.7443, -22.2757, -8.3885



48.7434, -15.2642, -20.1933



48.7443, -4.2682, -25.8989

Triad

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



48.7443, -15.2641, -20.1924



48.7443, 23.5922, 1.0319



48.7443, -12.6333, 18.9818

Complementary

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



48.7434, -15.2642, -20.1933



39.3652, 28.5947, 20.2109

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.



48.7443, -0.9161, 20.3160



48.7434, -15.2642, -20.1933



48.7443, 20.7875, 11.5955

Square

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



48.7443, -15.2641, -20.1924



48.7443, 18.8210, -11.8532



48.7443, 11.4977, 17.9816



48.7443, -20.8669, 13.7338

Rectangle

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



48.7434, -15.2642, -20.1933



48.7443, 4.1488, -24.6436



48.7443, 11.4977, 17.9816



48.7443, -9.0071, 19.8360

Sweetspot

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



48.7443, -15.2641, -20.1924



80.8118, -12.8216, -5.0843



56.8604, -41.9141, 26.0820



37.1832, -6.3604, -2.9420



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

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



48.7443, -15.2641, -20.1924



61.9551, -19.0850, -33.4485



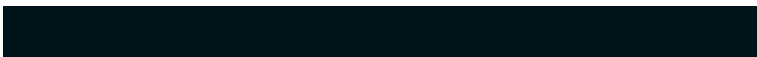
31.2622, 14.5648, -58.3811



30.4283, -3.0561, 0.1731



37.9033, -10.8399, -23.9755



7.3411, -2.7758, -3.1835

Inverse Universe

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



36.7774, 52.5117, -18.9569



45.8805, 79.8725, -25.6989



54.3688, -1.4772, 30.1842



29.3413, 1.9205, -0.0995



28.2674, 52.7180, -15.1387



5.1008, 9.6586, -3.8614

Previews

White Background



This preview shows how the HunterLab color 48.7434, -15.2642, -20.1933 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 48.7434, -15.2642, -20.1933 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

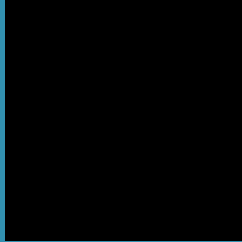
Any Text WCAG AA ✓ Pass

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 48.7434, -15.2642, -20.1933 Background



This preview shows how black text looks on a background with the HunterLab color 48.7434, -15.2642, -20.1933.



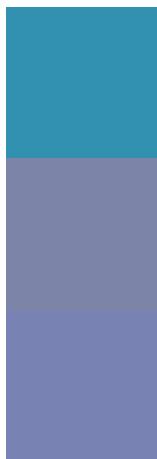
This preview shows how white text looks on a background with the HunterLab color 48.7434, -15.2642, -20.1933.

-15.2642, -20.1933.

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

48.7434, -15.2642, -20.1933

Protanopia

48.5568, 1.5556, -14.6927

Deuteranopia

48.4565, 3.6055, -22.2608



Tritanopia

48.7675, -21.3220, -10.2012

Trichromacy



Original Color

48.7434, -15.2642, -20.1933

Protanomaly

48.0125, -5.9870, -17.4828

Deuteranomaly

48.2240, -4.5906, -22.1496

Tritanomaly

48.7510, -19.3155, -13.5907

Monochromacy



Original Color

48.7434, -15.2642, -20.1933

Achromatopsia

43.3383, -2.3124, 2.3547

Achromatomaly

44.7514, -9.2976, -5.4586

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.7434, -15.2642, -20.1933 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(50, 144, 176)` looks like.

```
.text, #text, p{  
    color:rgb(50, 144, 176)  
}
```

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(50, 144, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 144, 176) }
```

Border

The CSS property to change the border of an element to HunterLab 48.7434, -15.2642, -20.1933 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(50, 144, 176) }
```


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

```
.border{ border-color:rgb(50, 144, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 144, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 144, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 144, 176);  
box-shadow:4px 4px 4px 4px rgb(50, 144,  
176) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.7434, -15.2642, -20.1933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 144, 176) }
```

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

```
.background{ background-color: rgb(50, 144,  
176) }
```

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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