

Converting Colors

HunterLab(46.9691, -19.5658,
-15.3914)

Have a look what the booklet for
HunterLab(46.9691, -19.5658,
-15.3914) contains.

HunterLab(46.9933, -19.6975, -15.1050)	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(46.9933,
-19.6975, -15.1050)**

Conversions

Conversions Part 1

Format	Color
Hex	0E8EA3
RGB	14, 142, 163
RGB Percent	5%, 56%, 64%
CMY	0.9450, 0.4431, 0.3608
CMYK	0.91, 0.13, 0.00, 0.36
HSL	188°, 84%, 35%
HSV	188°, 91%, 64%
XYZ	16.4650, 22.0837, 38.0451
YIQ	106.1220, -83.0290, -20.6050

Conversions

Conversions Part 2

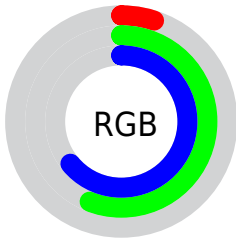
Format	Color
R_{YB}	14, 83, 163
Decimal	954019
CIE _{Lab}	54.12, -23.50, -19.98
CIE _{LCh}	54, 30.841, 220.372
Y _{xy}	22.0845, 0.2150, 0.2883
Android (android.graphics.Color)	4279144099 (0xFF0E8EA3)
YUV	106.1220, 28.0409, -80.7910
Hunter-Lab	46.9933, -19.6975, -15.1050

Details

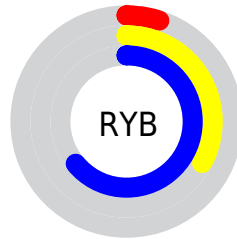
The HunterLab color **46.9933, -19.6975, -15.1050** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **30.0363, 41.2470, 18.4085**, and the grayscale version is **37.9333, -2.0240, 2.0610**.

A 20% lighter version of the original color is **68.4993, -23.4282, -15.6133**, and **29.3766, -11.2431, -12.4477** is the 20% darker color. If you saturate the color by 10%, you get **46.2687, -19.2719, -16.2293**, and if you desaturate by 10%, it is **47.9194, -19.8836, -13.6933**.

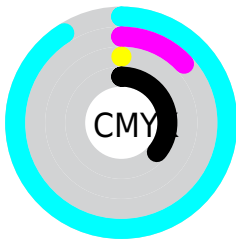
Distribution



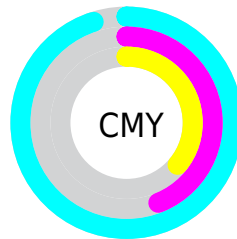
- Red (5%)
- Green (56%)
- Blue (64%)



- Red (5%)
- Yellow (33%)
- Blue (64%)



- Cyan (91%)
- Magenta (13%)
- Yellow (0%)
- Black (36%)



- Cyan (95%)
- Magenta (44%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.9933, -19.6975, -15.1050 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 46.9933, -19.6975, -15.1050 by changing the saturation by 10% instead.

46.9933, -19.6975,
-15.1050

46.9933, -19.6975,
-15.1050

162.1688,
-35.8165, -15.5848

37.3082, -17.6971,
-14.7520

68.4731, -23.4892,
-15.6097

28.3978, -15.5901,
-14.3359

80.1811, -25.3151,
-15.7674

20.3375, -13.3272,
-13.8713

92.4894, -27.1091,
-15.8663

13.2288, -10.8209,
-13.4154

105.3701,
-28.8790, -15.9095

6.7508, -11.8138,
-14.7967

118.7987,
-30.6305, -15.9003

0.0000, NaN, -NF

0.0000, NaN, NaN

132.7538,

-32.3683, -15.8414

0.0000, NaN, NaN

147.2163,
-34.0960, -15.7354

0.0000, NaN, NaN

■ 46.9933, -19.6975,
-15.1050

■ 46.9933, -19.6975,
-15.1050

■ 46.2687, -19.2719,
-16.2293

■ 47.9194, -19.8836,
-13.6933

■ 48.9716, -19.5909,
-12.1187

■ 50.1599, -18.7898,
-10.3784

■ 51.4892, -17.4722,
-8.4789

■ 52.9609, -15.6459,
-6.4313

■ 54.5740, -13.3309,
-4.2502

■ 56.3258, -10.5553,
-1.9514

■ 58.2120, -7.3529,
0.4488

■ 60.2277, -3.7599,
2.9349

Harmonies

Analogous

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



46.9941, -24.1901, -1.8172



46.9933, -19.6975, -15.1050



46.9941, -10.4312, -24.9878

Triad

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



46.9941, -19.6974, -15.1042



46.9941, 22.7605, -5.9290



46.9941, -6.8242, 20.1455

Complementary

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



46.9933, -19.6975, -15.1050



30.0363, 41.2470, 18.4085

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.



46.9941, 5.9733, 19.5936



46.9933, -19.6975, -15.1050



46.9941, 23.9901, 6.5492

Square

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



46.9941, -19.6974, -15.1042



46.9941, 14.3685, -18.7923



46.9941, 17.5687, 15.2496



46.9941, -17.2984, 17.0321

Rectangle

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



46.9933, -19.6975, -15.1050



46.9941, -2.3514, -27.0874



46.9941, 17.5687, 15.2496



46.9941, -2.6684, 20.3569

Sweetspot

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



46.9941, -19.6974, -15.1042



73.9249, -16.4639, -4.5069



51.3839, -42.7959, 29.1769



34.6831, -8.3461, -2.6005



90.9709, -4.8540, 4.9426



38.3822, -2.0480, 2.0854

Same Dimension

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



46.9941, -19.6974, -15.1042



61.7388, -25.5565, -21.9990



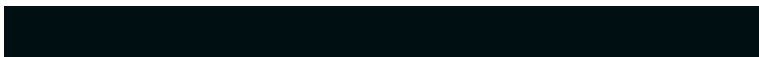
26.3649, 14.1108, -61.4304



28.0005, -3.1613, 0.4639



40.8504, -17.0688, -14.2127



6.2797, -2.9298, -1.5244

Inverse Universe

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



31.7087, 57.9104, -27.3002



41.6112, 79.3586, -35.8873



43.1544, 9.6307, 26.1881



26.8047, 1.8456, -0.4313



27.4385, 52.3727, -24.0005



4.0325, 7.7848, -4.2088

Previews

White Background



This preview shows how the HunterLab color 46.9933, -19.6975, -15.1050 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 46.9933, -19.6975, -15.1050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

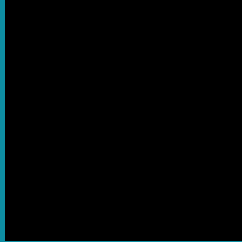
Any Text WCAG AA ✓ Pass

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 46.9933, -19.6975, -15.1050 Background



This preview shows how black text looks on a background with the HunterLab color 46.9933, -19.6975, -15.1050.



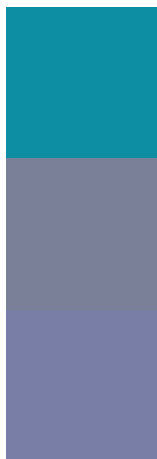
This preview shows how white text looks on a background with the HunterLab color 46.9933, -19.6975, -15.1050.

-19.6975, -15.1050.

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

46.9933, -19.6975, -15.1050

Protanopia

46.8500, 0.4515, -9.2626

Deuteranopia

46.6655, 3.7156, -17.6296



Tritanopia

46.9164, -22.2230, -10.6683

Trichromacy



Original Color

46.9933, -19.6975, -15.1050

Protanomaly

45.8785, -10.0966, -13.1296

Deuteranomaly

45.8798, -7.8704, -18.4881

Tritanomaly

47.0593, -21.4498, -12.1327

Monochromacy



Original Color

46.9933, -19.6975, -15.1050

Achromatopsia

37.9643, -2.0257, 2.0627

Achromatomaly

40.1776, -11.7763, -5.0789

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.9933, -19.6975, -15.1050 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(14, 142, 163)` looks like.

```
.text, #text, p{  
    color:rgb(14, 142, 163)  
}
```

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(14, 142, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 142, 163) }
```

Border

The CSS property to change the border of an element to HunterLab 46.9933, -19.6975, -15.1050 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(14, 142, 163) }
```


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

```
.border{ border-color:rgb(14, 142, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(14, 142, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 142, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 142, 163);  
box-shadow:4px 4px 4px 4px rgb(14, 142,  
163) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.9933, -19.6975, -15.1050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 142, 163) }
```

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

```
.background{ background-color: rgb(14, 142,  
163) }
```

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