

Converting Colors

HunterLab(14.4660, 7.7603,
-7.7144)

Have a look what the booklet for
HunterLab(14.4660, 7.7603, -7.7144)
contains.

HunterLab(14.5165, 7.7780, -7.8184) 3
 Conversions 4
 Details 6
 Harmonies 12
 Previews 24
 Color Blindness Simulation 28
 CSS Examples 31

Color

**HunterLab(14.5165, 7.7780,
-7.8184)**

Conversions

Conversions Part 1	
Format	Color
Hex	33213B
RGB	51, 33, 59
RGB Percent	20%, 13%, 23%
CMY	0.8000, 0.8706, 0.7686
CMYK	0.14, 0.44, 0.00, 0.77
HSL	282°, 28%, 18%
HSV	282°, 44%, 23%
XYZ	2.6985, 2.1073, 4.4022
YIQ	41.3460, 2.3820, 11.9020

Conversions

Conversions Part 2

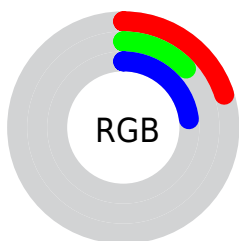
Format	Color
RYB	51, 33, 59
Decimal	3350843
CIELab	16.04, 14.43, -13.40
CIELCh	16, 19.691, 317.113
Yxy	2.1074, 0.2931, 0.2289
Android (android.graphics.Color)	4281540923 (0xFF33213B)
YUV	41.3460, 8.7034, 8.4666
Hunter-Lab	14.5165, 7.7780, -7.8184

Details

The HunterLab color **14.5165, 7.7780, -7.8184** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **19.2593, -8.1883, 7.2943**, and the grayscale version is **14.9757, -0.7991, 0.8137**.

A 20% lighter version of the original color is **30.1431, 8.6162, -8.0958**, and **2.3706, 3.1611, -9.7870** is the 20% darker color. If you saturate the color by 10%, you get **13.2735, 9.8429, -10.1308**, and if you desaturate by 10%, it is **15.8500, 5.7127, -5.6111**.

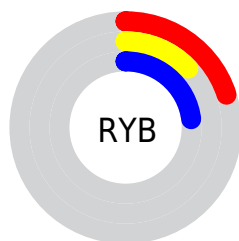
Distribution



Red (20%)

Green (13%)

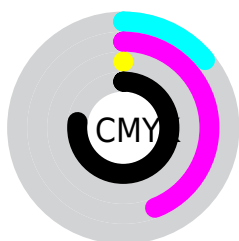
Blue (23%)



Red (20%)

Yellow (13%)

Blue (23%)

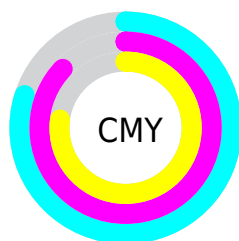


Cyan (14%)

Magenta (44%)

Yellow (0%)

Black (77%)



Cyan (80%)

Magenta (87%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 14.5165, 7.7780, -7.8184 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 14.5165, 7.7780, -7.8184 by changing the saturation by 10% instead.

14.5165, 7.7780,
-7.8184

14.5165, 7.7780,
-7.8184

107.9124, 9.7172,
-8.3020

8.1778, 7.4386,
-7.6773

30.0491, 8.8782,
-8.4188

0.0000, NaN, -NF

0.0000, NaN, NaN

39.1139, 9.2413,
-8.5996

0.0000, NaN, NaN

48.9420, 9.5058,
-8.7054

0.0000, NaN, NaN

0.0000, NaN, NaN

59.4784, 9.6849,
-8.7421

0.0000, NaN, NaN

70.6781, 9.7886,
-8.7155


0.0000, NaN, NaN


82.5039, 9.8246,

0.0000, NaN, NaN

-8.6305


 94.9245, 9.7991,
-8.4914


 14.5165, 7.7780,
-7.8184


 14.5165, 7.7780,
-7.8184


 13.2735, 9.8429,
-10.1308

 15.8500, 5.7127,
-5.6111


 12.1354, 11.8687,
-12.5300


 17.2606, 3.6694,
-3.5129


 11.1200, 13.7886,
-14.9682

 18.7379, 1.6572,
-1.5172

 10.2448, 15.5070,
-17.3619

 20.2736, -0.3211,
0.3862

 9.3936, 17.3689,
-20.0236

 21.8606, -2.2664,
2.2086

■ 8.8546, 18.7298,
-21.9219

■ 23.4934, -4.1818,
3.9611

■ 25.1673, -6.0706,
5.6539

■ 26.8783, -7.9367,
7.2961

■ 28.6232, -9.7837,
8.8954

Harmonies

Analogous

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



14.5168, 2.4563, -12.4206



14.5165, 7.7780, -7.8184



14.5168, 10.9872, -1.6273

Triad

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



14.5168, 7.7777, -7.8180



14.5168, 1.6497, 7.7455



14.5168, -9.5339, -2.4787

Complementary

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



14.5165, 7.7780, -7.8184



19.2593, -8.1883, 7.2943

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.



14.5168, -9.6834, 2.8523



14.5165, 7.7780, -7.8184



14.5168, -3.7470, 7.6382

Square

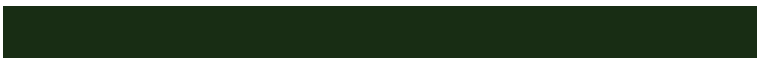
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



14.5168, 7.7777, -7.8180



14.5168, 7.1122, 6.3842



14.5168, -7.7157, 6.0896



14.5168, -7.2716, -8.6368

Rectangle

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



14.5165, 7.7780, -7.8184



14.5168, 11.2268, 1.9771



14.5168, -7.7157, 6.0896



14.5168, -9.8196, -0.5062

Sweetspot

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



14.5168, 7.7777, -7.8180



24.3395, 2.0236, -1.8454



14.9708, 0.2435, -7.1576



12.5032, 1.1663, -1.0712



61.6487, -3.2894, 3.3495



14.0024, -0.7471, 0.7608

Same Dimension

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



14.5168, 7.7777, -7.8180



16.9665, 13.1009, -13.5294



15.1200, 9.1798, -4.3210



10.8471, 0.3042, -0.2463



13.9614, 29.7427, -36.1982



34.7788, 74.7003, -94.8945

Inverse Universe

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



14.7570, 7.4123, 0.7941



17.4157, 12.4912, 1.2711



18.9466, -9.2519, 5.8359



10.8635, 0.2617, 0.5365



15.7705, 27.5709, 5.8228



39.9080, 69.3974, 17.6189

Previews

White Background



This preview shows how the HunterLab color 14.5165, 7.7780, -7.8184 looks on a white 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 ✓ Pass

Black Background



This preview shows how the HunterLab color 14.5165, 7.7780, -7.8184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

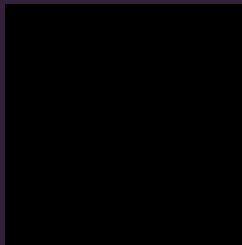
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 14.5165, 7.7780, -7.8184 Background



This preview shows how black text looks on a background with the HunterLab color 14.5165, 7.7780, -7.8184.



This preview shows how white text looks on a background with the HunterLab color 14.5165, 7.7780, -7.8184.

-7.8184.

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

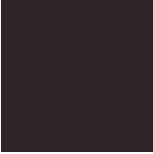
14.5165, 7.7780, -7.8184

Protanopia

14.5345, 1.7798, -10.7992

Deuteranopia

14.6506, 0.5531, -7.1625



Tritanopia

14.5076, 2.4614, 0.7784

Trichromacy



Original Color

14.5165, 7.7780, -7.8184

Protanomaly

14.4326, 3.5648, -9.7664

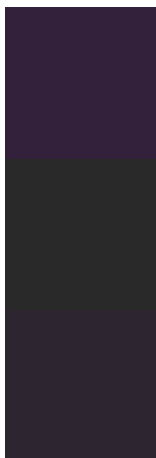
Deuteranomaly

14.4213, 3.2355, -7.5144

Tritanomaly

14.5601, 4.0726, -1.9080

Monochromacy



Original Color

14.5165, 7.7780, -7.8184

Achromatopsia

14.8909, -0.7945, 0.8091

Achromatomaly

14.6885, 2.3526, -2.1951

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 14.5165, 7.7780, -7.8184 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(51, 33, 59)` looks like.

```
.text, #text, p{  
    color:rgb(51, 33, 59)  
}
```

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(51, 33, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 33, 59) }
```

Border

The CSS property to change the border of an element to HunterLab 14.5165, 7.7780, -7.8184 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(51, 33, 59) }
```


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

```
.border{ border-color:rgb(51, 33, 59) }
```

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

Here you see how a box with a 4 pixel rgb(51, 33, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 33, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 33, 59);  
box-shadow:4px 4px 4px 4px rgb(51, 33, 59)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 14.5165, 7.7780, -7.8184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 33, 59) }
```

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

```
.background{ background-color: rgb(51, 33,  
59) }
```

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