

Converting Colors

HunterLab(33.1604, -14.8087,
6.0430)

Have a look what the booklet for
HunterLab(33.1604, -14.8087,
6.0430) contains.

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Color

**HunterLab(33.2291,
-14.7576, 5.9740)**

Conversions

Conversions Part 1

Format	Color
Hex	3B6652
RGB	59, 102, 82
RGB Percent	23%, 40%, 32%
CMY	0.7686, 0.6000, 0.6784
CMYK	0.42, 0.00, 0.20, 0.60
HSL	152°, 27%, 32%
HSV	152°, 42%, 40%
XYZ	8.0780, 11.0417, 9.6882
YIQ	86.8630, -19.2080, -15.3360

Conversions

Conversions Part 2

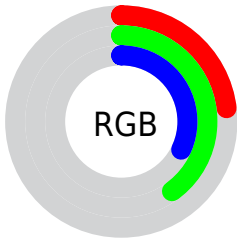
Format	Color
RYB	59, 87, 102
Decimal	3892818
CIELab	39.65, -20.04, 6.66
CIELCh	40, 21.120, 161.611
Yxy	11.0422, 0.2804, 0.3833
Android (android.graphics.Color)	4282082898 (0xFF3B6652)
YUV	86.8630, -2.3975, -24.4359
Hunter-Lab	33.2291, -14.7576, 5.9740

Details

The HunterLab color **33.2291, -14.7576, 5.9740** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **25.5294, 14.4412, -1.1964**, and the grayscale version is **30.8358, -1.6453, 1.6754**.

A 20% lighter version of the original color is **52.5446, -18.3296, 7.8275**, and **17.1186, -10.9249, 4.2952** is the 20% darker color. If you saturate the color by 10%, you get **32.6965, -17.0535, 7.0308**, and if you desaturate by 10%, it is **33.8521, -12.1538, 4.9497**.

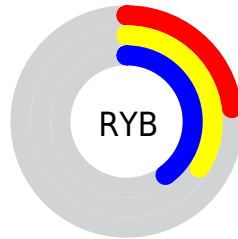
Distribution



Red (23%)

Green (40%)

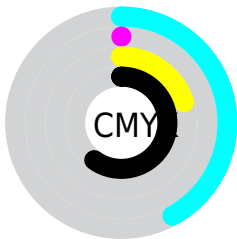
Blue (32%)



Red (23%)

Yellow (34%)

Blue (40%)

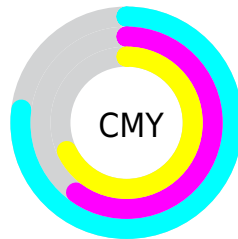


Cyan (42%)

Magenta (0%)

Yellow (20%)

Black (60%)



Cyan (77%)

Magenta (60%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.2291, -14.7576, 5.9740 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 33.2291, -14.7576, 5.9740 by changing the saturation by 10% instead.

■ 33.2291, -14.7576,
5.9740

■ 33.2291, -14.7576,
5.9740

■ 140.6971,
-29.6536, 14.6978

■ 24.6885, -12.8579,
5.0583

■ 52.6670, -18.2968,
7.8154

■ 17.0384, -10.8093,
4.1305

■ 63.4476, -19.9851,
8.7511

■ 10.3987, -9.1636,
3.3017

■ 74.8773, -21.6392,
9.7008

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 86.9213, -23.2685,
10.6661

0.0000, NaN, NaN

■ 99.5496, -24.8799,
11.6479

0.0000, NaN, NaN

■ 112.7364,

0.0000, NaN, NaN

-26.4786, 12.6469

0.0000, NaN, NaN

126.4589,
-28.0688, 13.6634

■ 33.2291, -14.7576,
5.9740

■ 33.2291, -14.7576,
5.9740

■ 32.6965, -17.0535,
7.0308

■ 33.8521, -12.1538,
4.9497

■ 32.2510, -19.0264,
8.1072

■ 34.5637, -9.2607,
3.9671

■ 31.8908, -20.6706,
9.1906

■ 35.3634, -6.1026,
3.0353

■ 31.6114, -21.9896,
10.2673

■ 36.2496, -2.7061,
2.1610

■ 31.4056, -23.0028,
11.3217

■ 37.2198, 0.9011,
1.3493

■ 31.2646, -23.7079,
12.1006

■ 38.2710, 4.6916,
0.6034

■ 39.3999, 8.6393,
-0.0748

■ 40.6031, 12.7197,
-0.6850

■ 41.8768, 16.9108,
-1.2279

Harmonies

Analogous

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



33.2298, -11.0969, 10.7526



33.2291, -14.7576, 5.9740



33.2298, -15.1396, -1.1706

Triad

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



33.2298, -14.7581, 5.9744



33.2298, 1.2758, -15.2738



33.2298, 10.1079, 9.9078

Complementary

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



33.2291, -14.7576, 5.9740



25.5294, 14.4412, -1.1964

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.



33.2298, 14.1059, 4.5355



33.2291, -14.7576, 5.9740



33.2298, 8.7036, -10.6211

Square

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



33.2298, -14.7581, 5.9744



33.2298, -6.3432, -14.6369



33.2298, 13.5697, -2.9774



33.2298, 3.0545, 12.6389

Rectangle

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



33.2291, -14.7576, 5.9740



33.2298, -13.5295, -6.5059



33.2298, 13.5697, -2.9774



33.2298, 11.8816, 8.4101

Sweetspot

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



33.2298, -14.7581, 5.9744



46.6960, -8.6077, 4.1657



33.8882, -13.1039, 13.4129



22.5928, -4.5237, 2.1204



73.3645, -3.9145, 3.9860



23.4461, -1.2510, 1.2739

Same Dimension

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



33.2298, -14.7581, 5.9744



43.2794, -22.6701, 9.3541



33.3362, -11.1434, -2.0114



17.7899, -2.5099, 1.3706



35.4196, -26.9355, 13.8745



80.7796, -62.1964, 33.2968

Inverse Universe

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



25.5294, 14.4412, -1.1964



30.9582, 24.4101, -1.8891



25.3340, 11.3834, 6.1261



16.9282, 0.7171, 0.5463



19.7190, 35.0905, 2.5018



44.8403, 79.4331, 8.4891

Previews

White Background



This preview shows how the HunterLab color 33.2291, -14.7576, 5.9740 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 × Fail

Black Background



This preview shows how the HunterLab color 33.2291, -14.7576, 5.9740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

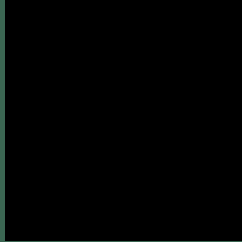
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 33.2291, -14.7576, 5.9740 Background



This preview shows how black text looks on a background with the HunterLab color 33.2291, -14.7576, 5.9740.



This preview shows how white text looks on a background with the HunterLab color 33.2291,

-14.7576, 5.9740.

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

33.2291, -14.7576, 5.9740

Protanopia

33.1077, -2.4551, 7.7841

Deuteranopia

33.1232, 1.9682, 5.0611



Tritanopia

33.3302, -8.5450, -4.3556

Trichromacy



Original Color

33.2291, -14.7576, 5.9740

Protanomaly

32.8863, -7.3422, 6.7997

Deuteranomaly

32.7417, -4.8115, 4.9026

Tritanomaly

33.2460, -10.8699, -0.3117

Monochromacy



Original Color

33.2291, -14.7576, 5.9740

Achromatopsia

30.8719, -1.6472, 1.6773

Achromatomaly

31.4451, -6.6226, 3.0557

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.2291, -14.7576, 5.9740 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(59, 102, 82)` looks like.

```
.text, #text, p{  
    color:rgb(59, 102, 82)  
}
```

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(59, 102, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 102, 82) }
```

Border

The CSS property to change the border of an element to HunterLab 33.2291, -14.7576, 5.9740 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(59, 102, 82) }
```


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

```
.border{ border-color:rgb(59, 102, 82) }
```

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

Here you see how a box with a 4 pixel rgb(59, 102, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 102, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 102, 82);  
box-shadow:4px 4px 4px 4px rgb(59, 102,  
82) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.2291, -14.7576, 5.9740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 102, 82) }
```

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

```
.background{ background-color: rgb(59, 102,  
82) }
```

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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