

Converting Colors

HunterLab(31.1971, -14.7843,
5.4202)

Have a look what the booklet for
HunterLab(31.1971, -14.7843,
5.4202) contains.

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Color

**HunterLab(31.3101,
-14.7996, 5.3853)**

Conversions

Conversions Part 1

Format	Color
Hex	33614E
RGB	51, 97, 78
RGB Percent	20%, 38%, 31%
CMY	0.8000, 0.6196, 0.6941
CMYK	0.47, 0.00, 0.20, 0.62
HSL	155°, 31%, 29%
HSV	155°, 47%, 38%
XYZ	7.0151, 9.8032, 8.7302
YIQ	81.0800, -21.3170, -15.6610

Conversions

Conversions Part 2

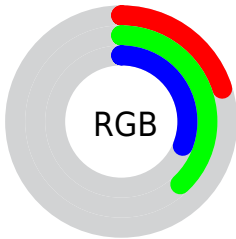
Format	Color
R_{YB}	51, 80, 97
Decimal	3367246
CIE _{Lab}	37.49, -20.81, 5.98
CIE _{LCh}	37, 21.655, 163.976
Yxy	9.8036, 0.2746, 0.3837
Android (android.graphics.Color)	4281557326 (0xFF33614E)
YUV	81.0800, -1.5184, -26.3802
Hunter-Lab	31.3101, -14.7996, 5.3853




Details

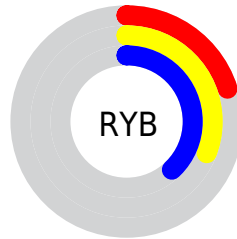
The HunterLab color **31.3101, -14.7996, 5.3853** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **23.1332, 15.2230, -0.3307**, and the grayscale version is **28.7253, -1.5327, 1.5607**.

A 20% lighter version of the original color is **50.4197, -18.5751, 7.1321**, and **15.4813, -10.6119, 3.5578** is the 20% darker color. If you saturate the color by 10%, you get **30.8572, -16.7629, 6.2746**, and if you desaturate by 10%, it is **31.8460, -12.5473, 4.5391**.

Distribution







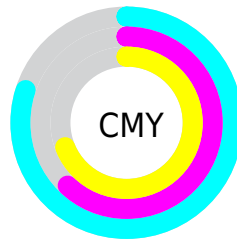
-  Red (20%)
-  Green (38%)
-  Blue (31%)






-  Red (20%)
-  Yellow (31%)
-  Blue (38%)



-  Cyan (47%)
-  Magenta (0%)
-  Yellow (20%)
-  Black (62%)



-  Cyan (80%)
-  Magenta (62%)
-  Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.3101, -14.7996, 5.3853 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 31.3101, -14.7996, 5.3853 by changing the saturation by 10% instead.

■ 31.3101, -14.7996,
5.3853

■ 31.3101, -14.7996,
5.3853

137.5735,
-30.1287, 13.7720

■ 22.9542, -12.8118,
4.5186

■ 50.4237, -18.4735,
7.1380

■ 15.5110, -10.6499,
3.6435

■ 61.0585, -20.2166,
8.0332

■ 9.1046, -10.4481,
3.2171

■ 72.3510, -21.9198,
8.9444

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 84.2647, -23.5939,
9.8730

0.0000, NaN, NaN

■ 96.7689, -25.2466,
10.8197

0.0000, NaN, NaN

■ 109.8369,

0.0000, NaN, NaN

-26.8838, 11.7849

0.0000, NaN, NaN

123.4453,
-28.5099, 12.7690

■ 31.3101, -14.7996,
5.3853

■ 31.3101, -14.7996,
5.3853

■ 30.8572, -16.7629,
6.2746

■ 31.8460, -12.5473,
4.5391

■ 30.4836, -18.4275,
7.1955

■ 32.4637, -10.0197,
3.7437

■ 30.1865, -19.7932,
8.1367

■ 33.1635, -7.2364,
3.0069

■ 29.9614, -20.8683,
9.0857

■ 33.9442, -4.2200,
2.3341

■ 29.7842, -21.7432,
10.0125

■ 34.8041, -0.9950,
1.7293

■ 29.7396, -21.9635,
10.2410

■ 35.7406, 2.4139,
1.1947

■ 36.7510, 5.9824,
0.7311

■ 37.8322, 9.6874,
0.3382

■ 38.9810, 13.5076,
0.0147

Harmonies

Analogous

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



31.3107, -11.4031, 10.3174



31.3101, -14.7996, 5.3853



31.3107, -14.9144, -1.9336

Triad

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



31.3107, -14.8000, 5.3857



31.3107, 2.0257, -15.5017



31.3107, 9.8443, 10.0672

Complementary

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



31.3101, -14.7996, 5.3853



23.1332, 15.2230, -0.3307

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.



31.3107, 14.2178, 4.9522



31.3101, -14.7996, 5.3853



31.3107, 9.4142, -10.3720

Square

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



31.3107, -14.8000, 5.3857



31.3107, -5.6981, -15.3035



31.3107, 14.0531, -2.4866



31.3107, 2.5677, 12.5341

Rectangle

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



31.3101, -14.7996, 5.3853



31.3107, -13.1439, -7.3435



31.3107, 14.0531, -2.4866



31.3107, 11.7330, 8.6635

Sweetspot

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



31.3107, -14.8000, 5.3857



43.7153, -8.3138, 3.6620



31.7759, -13.9805, 13.4913



21.7066, -4.4400, 1.8942



72.2857, -3.8570, 3.9274



22.5557, -1.2035, 1.2255

Same Dimension

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



31.3107, -14.8000, 5.3857



40.3327, -22.2366, 8.3617



30.7005, -10.3972, -3.1062



16.9661, -2.3434, 1.2177



34.6759, -25.7026, 12.1426



80.0359, -60.0941, 29.6880

Inverse Universe

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



23.1332, 15.2230, -0.3307



27.5611, 25.1064, -0.2464



23.4461, 11.3928, 6.7264



16.1419, 0.6323, 0.6124



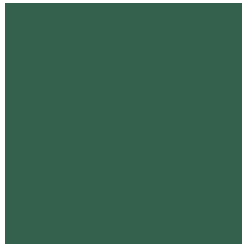
19.1256, 33.7988, 4.2527



44.0158, 77.4254, 12.5733

Previews

White Background



This preview shows how the HunterLab color 31.3101, -14.7996, 5.3853 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



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

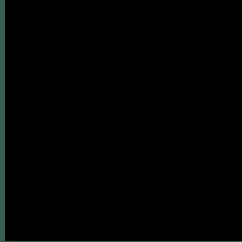
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

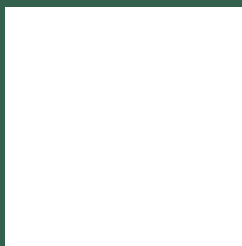
Any Text WCAG AAA × Fail

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

HunterLab 31.3101, -14.7996, 5.3853 Background



This preview shows how black text looks on a background with the HunterLab color 31.3101, -14.7996, 5.3853.



This preview shows how white text looks on a background with the HunterLab color 31.3101,

-14.7996, 5.3853.

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

31.3101, -14.7996, 5.3853

Protanopia

31.2852, -2.2206, 7.2932

Deuteranopia

31.2149, 1.8677, 4.4811



Tritanopia

31.3287, -9.0216, -4.1539

Trichromacy



Original Color

31.3101, -14.7996, 5.3853

Protanomaly

30.9998, -7.3040, 6.2427

Deuteranomaly

30.8509, -4.8089, 4.3405

Tritanomaly

31.2841, -11.1349, -0.5445

Monochromacy



Original Color

31.3101, -14.7996, 5.3853

Achromatopsia

28.6850, -1.5306, 1.5585

Achromatomaly

29.4918, -6.9312, 2.7937

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.3101, -14.7996, 5.3853 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, 97, 78)` looks like.

```
.text, #text, p{  
    color:rgb(51, 97, 78)  
}
```

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, 97, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 97, 78) }
```

Border

The CSS property to change the border of an element to HunterLab 31.3101, -14.7996, 5.3853 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, 97, 78) }
```


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

```
.border{ border-color:rgb(51, 97, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 97, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 97, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 97, 78);  
box-shadow:4px 4px 4px 4px rgb(51, 97, 78)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 31.3101, -14.7996, 5.3853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 97, 78) }
```

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

```
.background{ background-color: rgb(51, 97,  
78) }
```

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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