

Converting Colors

HunterLab(14.9802, 3.2946,
0.4413)

Have a look what the booklet for
HunterLab(14.9802, 3.2946, 0.4413)
contains.

HunterLab(15.0240, 3.1286, 0.6680)	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(15.0240, 3.1286,
0.6680)**

Conversions

Conversions Part 1

Format	Color
Hex	33262A
RGB	51, 38, 42
RGB Percent	20%, 15%, 16%
CMY	0.8000, 0.8510, 0.8353
CMYK	0.00, 0.25, 0.18, 0.80
HSL	342°, 15%, 17%
HSV	342°, 25%, 20%
XYZ	2.4763, 2.2572, 2.4957
YIQ	42.3430, 6.4640, 4.0000

Conversions

Conversions Part 2

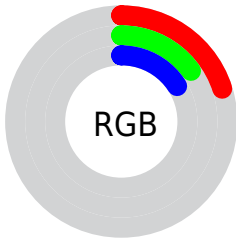
Format	Color
R_{YB}	51, 38, 42
Decimal	3352106
CIE Lab	16.78, 6.92, -0.29
CIE LCh	17, 6.925, 357.608
Yxy	2.2573, 0.3425, 0.3122
Android (android.graphics.Color)	4281542186 (0xFF33262A)
YUV	42.3430, -0.1691, 7.5922
Hunter-Lab	15.0240, 3.1286, 0.6680

Details

The HunterLab color **15.0240, 3.1286, 0.6680** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **17.2772, -4.4441, 1.3389**, and the grayscale version is **15.3274, -0.8178, 0.8328**.

A 20% lighter version of the original color is **30.7755, 3.2769, 1.6499**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **13.8890, 4.7889, 0.6438**, and if you desaturate by 10%, it is **16.2251, 1.4946, 0.7547**.

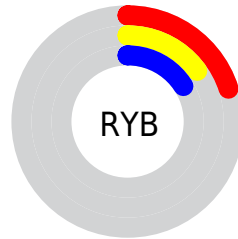
Distribution



Red (20%)

Green (15%)

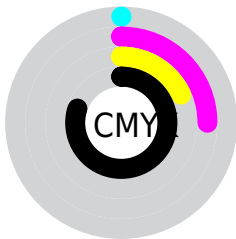
Blue (16%)



Red (20%)

Yellow (15%)

Blue (16%)

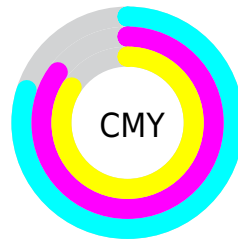


Cyan (0%)

Magenta (25%)

Yellow (18%)

Black (80%)



Cyan (80%)

Magenta (85%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.0240, 3.1286, 0.6680 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 15.0240, 3.1286, 0.6680 by changing the saturation by 10% instead.

■ 15.0240, 3.1286,
0.6680

■ 15.0240, 3.1286,
0.6680

108.8987, 1.5249,
5.6393

■ 8.6659, 3.0298,
0.3335

■ 30.6945, 3.2575,
1.4814

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 39.8181, 3.1884,
1.9610

0.0000, NaN, NaN

■ 49.7007, 3.0483,
2.4831

0.0000, NaN, NaN

■ 60.2877, 2.8460,
3.0447

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 71.5351, 2.5878,
3.6431

0.0000, NaN, NaN

■ 83.4061, 2.2790,

0.0000, NaN, NaN

4.2762

95.8697, 1.9236,
4.9421

15.0240, 3.1286,
0.6680

15.0240, 3.1286,
0.6680

13.8890, 4.7889,
0.6438

16.2251, 1.4946,
0.7547

12.8293, 6.4645,
0.6921

17.4829, -0.1065,
0.8933

11.8571, 8.1314,
0.8249

18.7907, -1.6743,
1.0760

10.9857, 9.7502,
1.0527

20.1428, -3.2104,
1.2959

10.2297, 11.2619,
1.3823

21.5343, -4.7176,
1.5475

■ 9.5809, 12.6556,
1.7905

■ 22.9612, -6.1992,
1.8263

■ 8.9170, 14.2946,
2.1410

■ 24.4203, -7.6584,
2.1285

■ 8.6041, 15.1588,
2.2723

■ 25.9086, -9.0986,
2.4511

■ 27.4238, -10.5225,
2.7916

Harmonies

Analogous

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



15.0243, 2.4947, -1.2200



15.0240, 3.1286, 0.6680



15.0243, 2.6646, 2.3778

Triad

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



15.0243, 3.1281, 0.6683



15.0243, -2.5000, 3.6463



15.0243, -2.7578, -2.5146

Complementary

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



15.0240, 3.1286, 0.6680



17.2772, -4.4441, 1.3389

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.



15.0243, -3.9812, -0.9298



15.0240, 3.1286, 0.6680



15.0243, -3.8377, 2.6050

Square

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



15.0243, 3.1281, 0.6683



15.0243, -0.6457, 3.9614



15.0243, -4.3664, 0.9658



15.0243, -0.9585, -3.1978

Rectangle

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



15.0240, 3.1286, 0.6680



15.0243, 1.8085, 3.2196



15.0243, -4.3664, 0.9658



15.0243, -3.2465, -2.0605

Sweetspot

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



15.0243, 3.1281, 0.6683



22.0465, 0.4632, 1.0924



14.9229, 3.2821, -3.1908



11.5939, 0.3032, 0.5714



59.5560, -3.1778, 3.2358



12.3795, -0.6605, 0.6726

Same Dimension

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



15.0243, 3.1281, 0.6683



18.3072, 5.5553, 0.8297



15.4512, 1.6907, 2.5137



9.4273, 0.1808, 0.4681



14.8913, 26.0475, 5.3922



38.8778, 67.6120, 17.1180

Inverse Universe

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



15.0243, 3.1281, 0.6683



18.3072, 5.5553, 0.8297



16.7805, -2.9927, -0.7785



9.4273, 0.1808, 0.4681



14.8913, 26.0475, 5.3922



38.8778, 67.6120, 17.1180

Previews

White Background



This preview shows how the HunterLab color 15.0240, 3.1286, 0.6680 looks on a white background.

Color Contrast Check

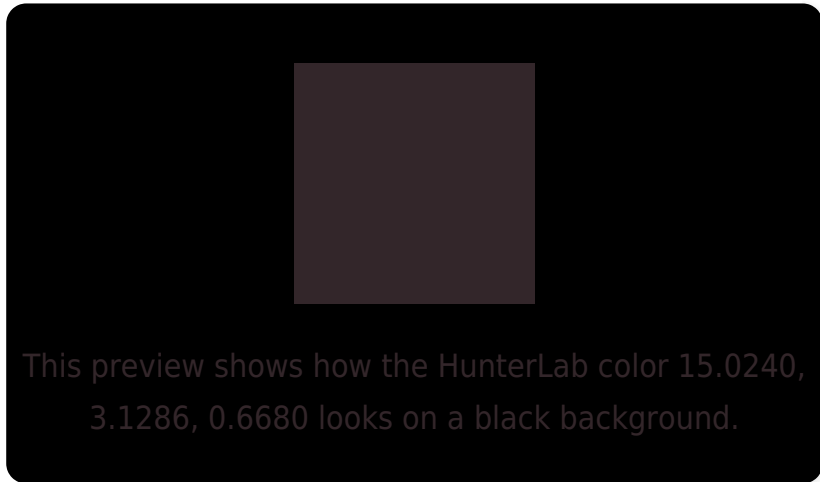
Large Text (above 18pt) WCAG AA ✓ Pass

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

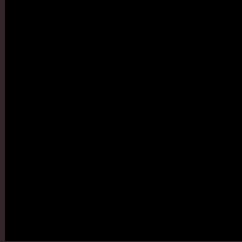
Any Text WCAG AA × Fail

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 15.0240, 3.1286, 0.6680 Background



This preview shows how black text looks on a background with the HunterLab color 15.0240, 3.1286, 0.6680.



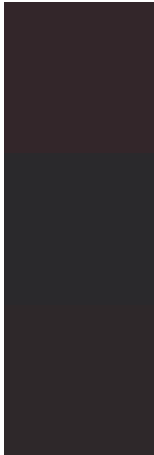
This preview shows how white text looks on a background with the HunterLab color 15.0240, 3.1286,

0.6680.

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

15.0240, 3.1286, 0.6680

Protanopia

15.0332, -0.1573, -0.1373

Deuteranopia

15.0519, 0.9754, 0.6636



Tritanopia

15.0004, 3.0057, 1.0041

Trichromacy



Original Color

15.0240, 3.1286, 0.6680

Protanomaly

14.9996, 0.8479, 0.2235

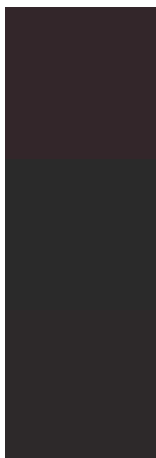
Deuteranomaly

14.9886, 1.9034, 0.6044

Tritanomaly

15.0004, 3.0057, 1.0041

Monochromacy



Original Color

15.0240, 3.1286, 0.6680

Achromatopsia

15.2162, -0.8119, 0.8267

Achromatomaly

15.2017, 0.3220, 0.8295

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.0240, 3.1286, 0.6680 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, 38, 42)` looks like.

```
.text, #text, p{  
    color:rgb(51, 38, 42)  
}
```

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, 38, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 38, 42) }
```

Border

The CSS property to change the border of an element to HunterLab 15.0240, 3.1286, 0.6680 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, 38, 42) }
```


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

```
.border{ border-color:rgb(51, 38, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 38, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 38, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 38, 42);  
box-shadow:4px 4px 4px 4px rgb(51, 38, 42)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.0240, 3.1286, 0.6680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 38, 42) }
```

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

```
.background{ background-color: rgb(51, 38,  
42) }
```

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