

Converting Colors

HunterLab(15.0087, 2.3056,
0.0899)

Have a look what the booklet for
HunterLab(15.0087, 2.3056, 0.0899)
contains.

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Color

**HunterLab(15.0128, 2.0313,
0.2602)**

Conversions

Conversions Part 1

Format	Color
Hex	30272B
RGB	48, 39, 43
RGB Percent	19%, 15%, 17%
CMY	0.8118, 0.8471, 0.8314
CMYK	0.00, 0.19, 0.10, 0.81
HSL	333°, 10%, 17%
HSV	333°, 19%, 19%
XYZ	2.3805, 2.2538, 2.5951
YIQ	42.1470, 4.0800, 3.1520

Conversions

Conversions Part 2

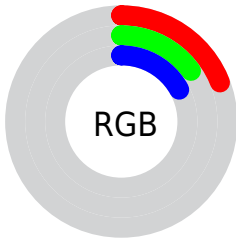
Format	Color
R_YB	48, 39, 43
Decimal	3155755
CIE Lab	16.77, 5.05, -1.06
CIE LCh	17, 5.163, 348.134
Yxy	2.2539, 0.3293, 0.3118
Android (android.graphics.Color)	4281345835 (0xFF30272B)
YUV	42.1470, 0.4205, 5.1331
Hunter-Lab	15.0128, 2.0313, 0.2602

Details

The HunterLab color **15.0128, 2.0313, 0.2602** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **16.5141, -3.5162, 1.5587**, and the grayscale version is **15.2622, -0.8144, 0.8292**.

A 20% lighter version of the original color is **30.7000, 1.7894, 1.1181**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **13.9265, 3.6401, -0.0286**, and if you desaturate by 10%, it is **16.1544, 0.4462, 0.6011**.

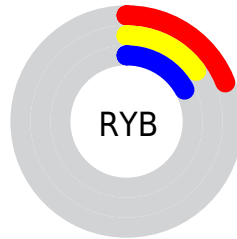
Distribution



Red (19%)

Green (15%)

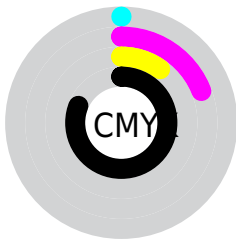
Blue (17%)



Red (19%)

Yellow (15%)

Blue (17%)

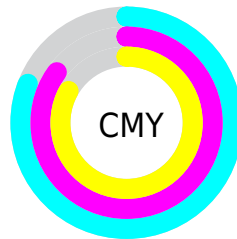


Cyan (0%)

Magenta (19%)

Yellow (10%)

Black (81%)



Cyan (81%)

Magenta (85%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.0128, 2.0313, 0.2602 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 15.0128, 2.0313, 0.2602 by changing the saturation by 10% instead.

■ 15.0128, 2.0313,
0.2602

■ 15.0128, 2.0313,
0.2602

■ 108.8771, -0.4730,
4.8635

■ 8.6554, 2.0815,
-0.0373

■ 30.6802, 1.9081,
0.9685

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 39.8026, 1.7288,
1.4029

0.0000, NaN, NaN

■ 49.6840, 1.4862,
1.8833

0.0000, NaN, NaN

■ 60.2699, 1.1875,
2.4058

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 71.5162, 0.8384,
2.9673

0.0000, NaN, NaN

■ 83.3863, 0.4430,

0.0000, NaN, NaN

3.5655

95.8489, 0.0050,
4.1981

15.0128, 2.0313,
0.2602

15.0128, 2.0313,
0.2602

13.9265, 3.6401,
-0.0286

16.1544, 0.4462,
0.6011

12.9024, 5.2658,
-0.2549

17.3436, -1.1109,
0.9841

11.9502, 6.8920,
-0.4048

18.5752, -2.6401,
1.4024

11.0807, 8.4913,
-0.4628

19.8446, -4.1432,
1.8501

10.3059, 10.0213,
-0.4126

21.1480, -5.6225,
2.3228

■ 9.6383, 11.4218,
-0.2392

■ 22.4821, -7.0806,
2.8168

■ 9.0165, 12.8457,
-0.0215

■ 23.8442, -8.5204,
3.3293

■ 8.3551, 14.5848,
0.1366

■ 25.2320, -9.9443,
3.8580

■ 8.2690, 14.8306,
0.1518

■ 26.6434, -11.3549,
4.4010

Harmonies

Analogous

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



15.0131, 1.3356, -1.0666



15.0128, 2.0313, 0.2602



15.0131, 1.9461, 1.6210

Triad

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



15.0131, 2.0309, 0.2605



15.0131, -1.6615, 3.1296



15.0131, -2.6211, -1.2995

Complementary

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



15.0128, 2.0313, 0.2602



16.5141, -3.5162, 1.5587

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.



15.0131, -3.3654, -0.0336



15.0128, 2.0313, 0.2602



15.0131, -2.8261, 2.4847

Square

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



15.0131, 2.0309, 0.2605



15.0131, -0.2231, 3.1921



15.0131, -3.4390, 1.3534



15.0131, -1.3720, -2.0229

Rectangle

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



15.0128, 2.0313, 0.2602



15.0131, 1.4592, 2.3673



15.0131, -3.4390, 1.3534



15.0131, -2.9365, -0.9181

Sweetspot

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



15.0131, 2.0309, 0.2605



20.7235, 0.0803, 0.8709



14.8288, 1.6836, -2.0137



11.0828, 0.0319, 0.4681



58.5142, -3.1222, 3.1792



11.5809, -0.6179, 0.6292

Same Dimension

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



15.0131, 2.0309, 0.2605



18.3154, 3.4452, 0.1599



15.0191, 1.3559, 1.7006



8.7292, 0.1785, 0.3373



14.6806, 26.1177, 1.9155



38.9306, 68.8010, 8.6359

Inverse Universe

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



15.0131, 2.0309, 0.2605



18.3154, 3.4452, 0.1599



16.4987, -2.8106, 0.0683



8.7292, 0.1785, 0.3373



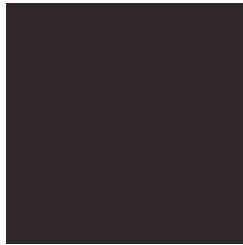
14.6806, 26.1177, 1.9155



38.9306, 68.8010, 8.6359

Previews

White Background



This preview shows how the HunterLab color 15.0128, 2.0313, 0.2602 looks on a white background.

Color Contrast Check

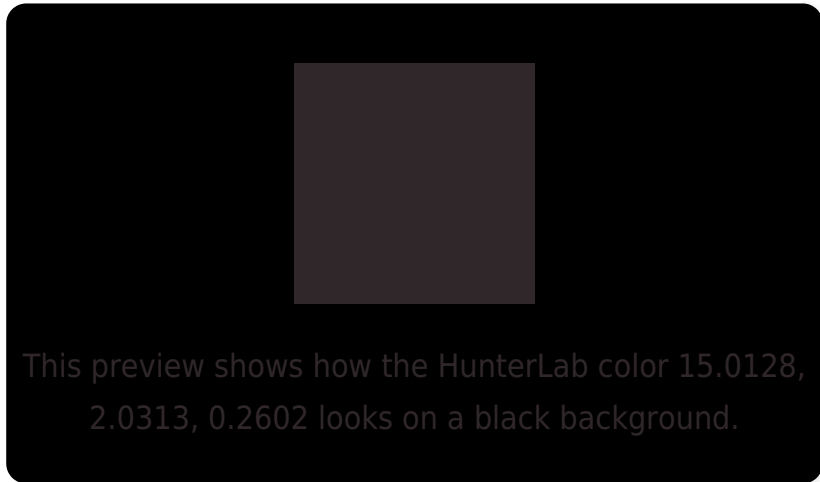
Large Text (above 18pt) WCAG AA ✓ Pass

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

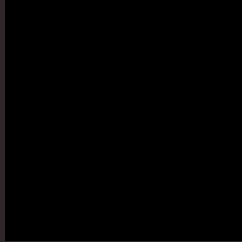
Any Text WCAG AA × Fail

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 15.0128, 2.0313, 0.2602 Background



This preview shows how black text looks on a background with the HunterLab color 15.0128, 2.0313, 0.2602.



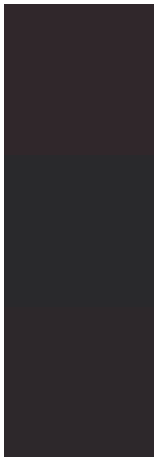
This preview shows how white text looks on a background with the HunterLab color 15.0128, 2.0313,

0.2602.

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

15.0128, 2.0313, 0.2602

Protanopia

14.9638, -0.3963, -0.2278

Deuteranopia

14.9996, 0.8479, 0.2235



Tritanopia

14.9886, 1.9034, 0.6044

Trichromacy



Original Color

15.0128, 2.0313, 0.2602

Protanomaly

14.9496, 0.7288, -0.2258

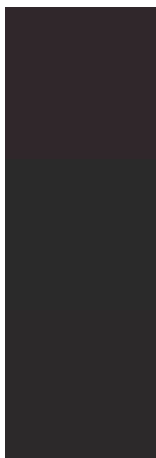
Deuteranomaly

15.0760, 1.1043, 0.3208

Tritanomaly

14.9886, 1.9034, 0.6044

Monochromacy



Original Color

15.0128, 2.0313, 0.2602

Achromatopsia

15.2162, -0.8119, 0.8267

Achromatomaly

15.1278, 0.0698, 0.7378

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.0128, 2.0313, 0.2602 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(48, 39, 43)` looks like.

```
.text, #text, p{  
    color:rgb(48, 39, 43)  
}
```

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(48, 39, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 39, 43) }
```

Border

The CSS property to change the border of an element to HunterLab 15.0128, 2.0313, 0.2602 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(48, 39, 43) }
```


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

```
.border{ border-color:rgb(48, 39, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 39, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 39, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 39, 43);  
box-shadow:4px 4px 4px 4px rgb(48, 39, 43)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.0128, 2.0313, 0.2602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 39, 43) }
```

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

```
.background{ background-color: rgb(48, 39,  
43) }
```

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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