

Converting Colors

HunterLab(30.1778, 0.5055,
1.6438)

Have a look what the booklet for
HunterLab(30.1778, 0.5055, 1.6438)
contains.

HunterLab(30.2823, 0.2127, 1.8366)	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(30.2823, 0.2127,
1.8366)**

Conversions

Conversions Part 1

Format	Color
Hex	5A5455
RGB	90, 84, 85
RGB Percent	35%, 33%, 33%
CMY	0.6471, 0.6706, 0.6667
CMYK	0.00, 0.07, 0.06, 0.65
HSL	350°, 3%, 34%
HSV	350°, 7%, 35%
XYZ	9.0265, 9.1702, 9.8886
YIQ	85.9080, 3.2550, 1.5830

Conversions

Conversions Part 2

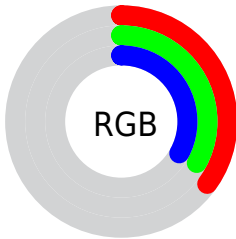
Format	Color
R_YB	90, 84, 85
Decimal	5919829
CIE Lab	36.31, 2.64, 0.29
CIE LCh	36, 2.661, 6.282
Yxy	9.1706, 0.3214, 0.3265
Android (android.graphics.Color)	4284109909 (0xFF5A5455)
YUV	85.9080, -0.4476, 3.5887
Hunter-Lab	30.2823, 0.2127, 1.8366

Details

The HunterLab color $[30.2823, 0.2127, 1.8366]$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $[31.4938, -3.4478, 1.5524]$, and the grayscale version is $[30.4732, -1.6260, 1.6557]$.

A 20% lighter version of the original color is $[49.0915, -0.1866, 2.5632]$, and $[14.6278, 0.6037, 0.8873]$ is the 20% darker color. If you saturate the color by 10%, you get $[27.8371, 3.1604, 2.0567]$, and if you desaturate by 10%, it is $[32.8395, -2.6525, 1.6999]$.

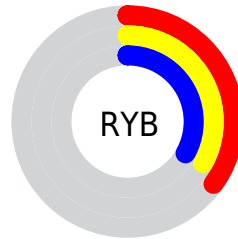
Distribution



Red (35%)

Green (33%)

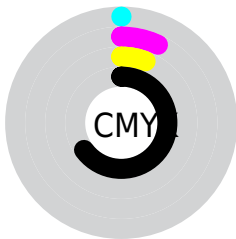
Blue (33%)



Red (35%)

Yellow (33%)

Blue (33%)

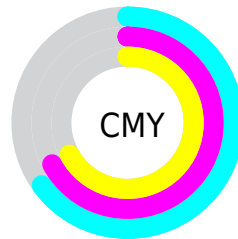


Cyan (0%)

Magenta (7%)

Yellow (6%)

Black (65%)



Cyan (65%)

Magenta (67%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.2823, 0.2127, 1.8366 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 30.2823, 0.2127, 1.8366 by changing the saturation by 10% instead.

■ 30.2823, 0.2127,
1.8366

■ 30.2823, 0.2127,
1.8366

■ 135.8843, -4.2626,
7.7084

■ 22.0286, 0.4732,
1.3687

■ 49.2172, -0.4849,
2.9011

■ 14.7005, 0.6630,
0.9482

■ 59.7719, -0.9075,
3.4905

■ 8.3584, 0.9325,
0.5994

■ 70.9890, -1.3737,
4.1152

0.0000, NaN, NaN

■ 82.8313, -1.8803,
4.7731

0.0000, NaN, NaN

■ 95.2674, -2.4245,
5.4627

0.0000, NaN, NaN

108.2703, -3.0042,

0.0000, NaN, NaN

6.1825

0.0000, NaN, NaN

121.8163, -3.6175,
6.9315

■ 30.2823, 0.2127,
1.8366

■ 30.2823, 0.2127,
1.8366

■ 27.8371, 3.1604,
2.0567

■ 32.8395, -2.6525,
1.6999

■ 25.5197, 6.1930,
2.3727

■ 35.4924, -5.4392,
1.6325

■ 23.3525, 9.2977,
2.8001

■ 38.2300, -8.1568,
1.6244

■ 21.3624, 12.4409,
3.3522

■ 41.0429, -10.8147,
1.6667

■ 19.5808, 15.5541,
4.0367

■ 43.9235, -13.4220,
1.7520

■ 18.0429, 18.5199,
4.8488

■ 46.8652, -15.9867,
1.8744

■ 16.7840, 21.1667,
5.7622

■ 49.8627, -18.5162,
2.0287

■ 15.8329, 23.2881,
6.7230

■ 52.9116, -21.0168,
2.2110

■ 15.1025, 25.0325,
7.5838

■ 56.0080, -23.4939,
2.4177

Harmonies

Analogous

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



30.2830, 0.0660, 0.9441



30.2823, 0.2127, 1.8366



30.2830, -0.1371, 2.6546

Triad

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



30.2830, 0.2119, 1.8371



30.2830, -2.6863, 3.0103



30.2830, -2.3457, 0.0210

Complementary

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



30.2823, 0.2127, 1.8366



31.4938, -3.4478, 1.5524

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.



30.2830, -3.0699, 0.6065



30.2823, 0.2127, 1.8366



30.2830, -3.2649, 2.3362

Square

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



30.2830, 0.2119, 1.8371



30.2830, -1.8162, 3.3184



30.2830, -3.4044, 1.4584



30.2830, -1.4182, -0.1225

Rectangle

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



30.2823, 0.2127, 1.8366



30.2830, -0.6011, 3.0526



30.2830, -3.4044, 1.4584



30.2830, -2.6206, 0.1735

Sweetspot

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



30.2830, 0.2119, 1.8371



41.5926, -1.4758, 2.3339



30.3366, 0.6663, -0.1999



20.4816, -0.7627, 1.1456



70.1359, -3.7423, 3.8106



20.7927, -1.1094, 1.1297

Same Dimension

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



30.2830, 0.2119, 1.8371



39.5279, 0.8946, 2.4684



30.7728, -0.8077, 2.7868



15.3415, 0.4385, 0.9687



18.2677, 31.5276, 9.9159



42.6380, 73.3698, 24.8312

Inverse Universe

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



30.2830, 0.2119, 1.8371



39.5279, 0.8946, 2.4684



30.9883, -2.4354, 0.5449



15.3415, 0.4385, 0.9687



18.2677, 31.5276, 9.9159



42.6380, 73.3698, 24.8312

Previews

White Background



This preview shows how the HunterLab color 30.2823, 0.2127, 1.8366 looks on a white background.

Color Contrast Check

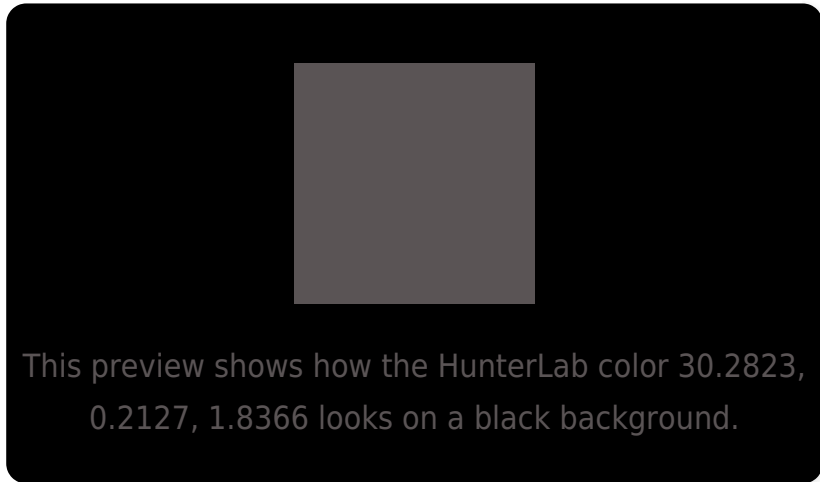
Large Text (above 18pt) WCAG AA ✓ Pass

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

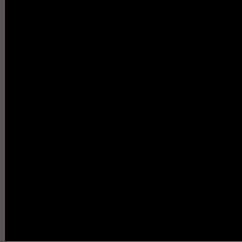
Any Text WCAG AA × Fail

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 30.2823, 0.2127, 1.8366 Background



This preview shows how black text looks on a background with the HunterLab color 30.2823, 0.2127, 1.8366.

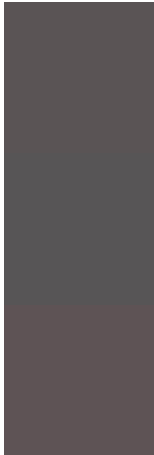


This preview shows how white text looks on a background with the HunterLab color 30.2823, 0.2127,

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

30.2823, 0.2127, 1.8366

Protanopia

30.3235, -0.9191, 1.4549

Deuteranopia

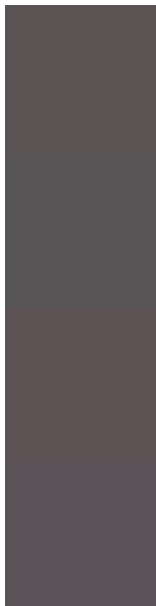
30.3679, 1.8092, 1.9647



Tritanopia

30.2471, 1.6739, -0.2932

Trichromacy



Original Color

30.2823, 0.2127, 1.8366

Protanomaly

30.4033, -0.6436, 1.5541

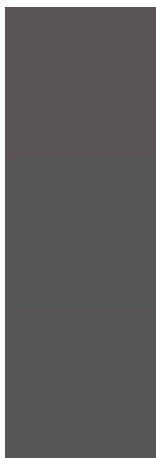
Deuteranomaly

30.2813, 1.5173, 1.8582

Tritanomaly

30.1915, 1.3751, 0.4971

Monochromacy



Original Color

30.2823, 0.2127, 1.8366

Achromatopsia

30.5056, -1.6277, 1.6574

Achromatomaly

30.3235, -0.9191, 1.4549

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.2823, 0.2127, 1.8366 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(90, 84, 85) looks like.

```
.text, #text, p{  
    color:rgb(90, 84, 85)  
}
```

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(90, 84, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 84, 85) }
```

Border

The CSS property to change the border of an element to HunterLab 30.2823, 0.2127, 1.8366 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(90, 84, 85) }
```


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

```
.border{ border-color:rgb(90, 84, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 84, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 84, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 84, 85);  
box-shadow:4px 4px 4px 4px rgb(90, 84, 85)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 30.2823, 0.2127, 1.8366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 84, 85) }
```

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

```
.background{ background-color: rgb(90, 84,  
85) }
```

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