

Converting Colors

HunterLab(29.5662, -7.5851,
10.0584)

Have a look what the booklet for
HunterLab(29.5662, -7.5851,
10.0584) contains.

HunterLab(29.5662, -7.5851, 10.0584)	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(29.5662, -7.5851,
10.0584)**

Conversions

Conversions Part 1

Format	Color
Hex	4E573A
RGB	78, 87, 58
RGB Percent	31%, 34%, 23%
CMY	0.6941, 0.6588, 0.7725
CMYK	0.10, 0.00, 0.33, 0.66
HSL	79°, 20%, 28%
HSV	79°, 33%, 34%
XYZ	7.3138, 8.7416, 5.3048
YIQ	81.0030, 3.9450, -10.9270

Conversions

Conversions Part 2

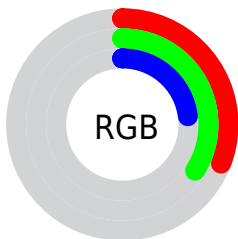
Format	Color
R_{YB}	58, 87, 67
Decimal	5134138
CIE Lab	35.48, -9.24, 15.72
CIE LCh	35, 18.229, 120.444
Yxy	8.7420, 0.3424, 0.4092
Android (android.graphics.Color)	4283324218 (0xFF4E573A)
YUV	81.0030, -11.3405, -2.6336
Hunter-Lab	29.5662, -7.5851, 10.0584

Details

The HunterLab color **29.5662, -7.5851, 10.0584** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **22.1535, 5.9376, -10.3784**, and the grayscale version is **28.7254, -1.5327, 1.5607**.

A 20% lighter version of the original color is **48.3976, -10.0176, 13.2745**, and **14.1907, -5.4450, 6.7607** is the 20% darker color. If you saturate the color by 10%, you get **29.2388, -9.0788, 11.8979**, and if you desaturate by 10%, it is **29.9242, -5.9572, 7.9064**.

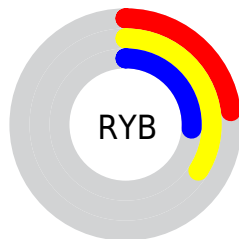
Distribution



Red (31%)

Green (34%)

Blue (23%)



Red (23%)

Yellow (34%)

Blue (26%)

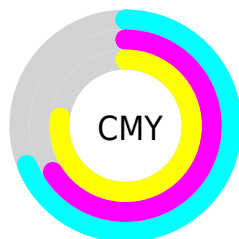


Cyan (10%)

Magenta (0%)

Yellow (33%)

Black (66%)



Cyan (69%)

Magenta (66%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.5662, -7.5851, 10.0584 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 29.5662, -7.5851, 10.0584 by changing the saturation by 10% instead.

■ 29.5662, -7.5851,
10.0584

■ 29.5662, -7.5851,
10.0584

■ 134.7001,
-17.4218, 23.0796

■ 21.3852, -6.4794,
8.4115

■ 48.3743, -9.7455,
13.1210

■ 14.1391, -5.3276,
6.6788

■ 58.8723, -10.8192,
14.5857

■ 7.7908, -5.5822,
5.4536

■ 70.0360, -11.8964,
16.0252

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 81.8278, -12.9804,
17.4481

0.0000, NaN, NaN

■ 94.2159, -14.0736,
18.8609

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 107.1728,

-15.1774, 20.2682

0.0000, NaN, NaN

120.6746,
-16.2932, 21.6735

■ 29.5662, -7.5851,
10.0584

■ 29.5662, -7.5851,
10.0584

■ 29.2388, -9.0788,
11.8979

■ 29.9242, -5.9572,
7.9064

■ 28.9395, -10.4343,
13.4263

■ 30.3111, -4.1957,
5.4420

■ 28.6685, -11.6524,
14.6500

■ 30.7274, -2.3053,
2.6693

■ 28.4249, -12.7348,
15.5795

■ 31.1732, -0.2910,
-0.4055

■ 28.2074, -13.6855,
16.2306

■ 31.6481, 1.8418,
-3.7741

■ 28.0126, -14.5230,
16.6545

■ 32.1519, 4.0870,
-7.4266

■ 27.8879, -15.0618,
16.9207

■ 32.6841, 6.4383,
-11.3519

■ 33.2441, 8.8891,
-15.5379

■ 33.8314, 11.4327,
-19.9719

Harmonies

Analogous

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



29.5669, -1.6749, 11.1192



29.5662, -7.5851, 10.0584



29.5669, -11.5825, 6.8424

Triad

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



29.5669, -7.5859, 10.0587



29.5669, -7.4334, -10.5563



29.5669, 11.8258, 1.7003

Complementary

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



29.5662, -7.5851, 10.0584



22.1535, 5.9376, -10.3784

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.



29.5669, 9.9610, -4.7989



29.5662, -7.5851, 10.0584



29.5669, -1.4834, -12.7302

Square

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



29.5669, -7.5859, 10.0587



29.5669, -11.5000, -4.9907



29.5669, 4.9489, -10.4300



29.5669, 9.8511, 6.9694

Rectangle

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



29.5662, -7.5851, 10.0584



29.5669, -12.8089, 3.4959



29.5669, 4.9489, -10.4300



29.5669, 11.6256, -0.4102

Sweetspot

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



29.5669, -7.5859, 10.0587



39.7555, -4.7545, 6.0600



25.1212, 3.5307, 6.0934



19.6150, -2.4476, 3.1371



69.0652, -3.6851, 3.7524



19.9203, -1.0629, 1.0823

Same Dimension

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



29.5669, -7.5859, 10.0587



38.2796, -11.4752, 15.0839



28.6454, -11.0365, 9.1723



15.4668, -1.6986, 2.1379



34.6214, -18.9231, 21.0022



81.7595, -46.0356, 49.5739

Inverse Universe

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



22.1535, 5.9376, -10.3784



26.4333, 10.3095, -18.0460



23.3937, 9.7579, -8.2680



14.4478, 0.1383, -0.6127



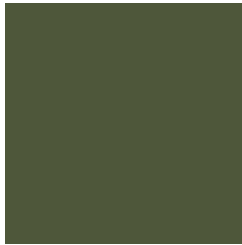
11.7941, 29.2160, -62.2859



27.1745, 68.5242, -152.8809

Previews

White Background



This preview shows how the HunterLab color 29.5662, -7.5851, 10.0584 looks on a white background.

Color Contrast Check

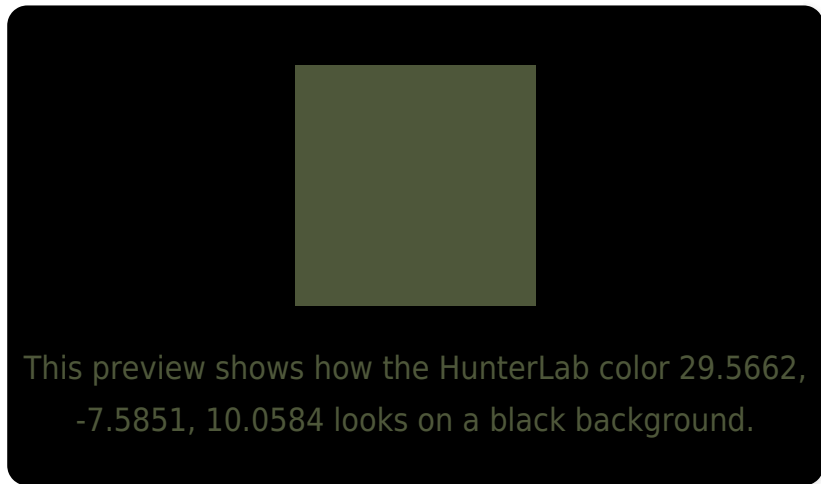
Large Text (above 18pt) WCAG AA ✓ Pass

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

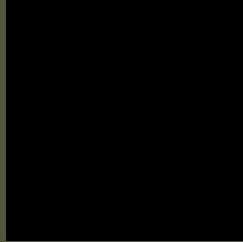
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

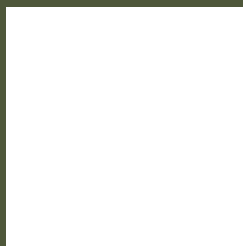
Any Text WCAG AAA × Fail

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

HunterLab 29.5662, -7.5851, 10.0584 Background



This preview shows how black text looks on a background with the HunterLab color 29.5662, -7.5851, 10.0584.



This preview shows how white text looks on a background with the HunterLab color 29.5662, -7.5851, 10.0584.

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

29.5662, -7.5851, 10.0584

Protanopia

29.4036, -2.7479, 10.5260

Deuteranopia

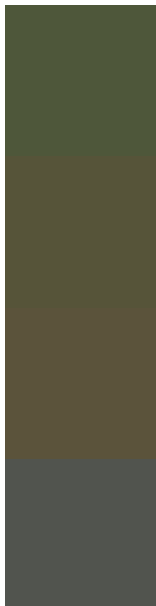
29.5232, 1.7204, 9.6370



Tritanopia

29.5272, -0.7810, -1.2421

Trichromacy



Original Color

29.5662, -7.5851, 10.0584

Protanomaly

29.3504, -4.2510, 10.1917

Deuteranomaly

29.5405, -2.1648, 9.8602

Tritanomaly

29.3939, -3.2295, 3.5173

Monochromacy



Original Color

29.5662, -7.5851, 10.0584

Achromatopsia

28.6850, -1.5306, 1.5585

Achromatomaly

28.9362, -3.7304, 4.8496

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.5662, -7.5851, 10.0584 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(78, 87, 58)` looks like.

```
.text, #text, p{  
    color:rgb(78, 87, 58)  
}
```

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(78, 87, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 87, 58) }
```

Border

The CSS property to change the border of an element to HunterLab 29.5662, -7.5851, 10.0584 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(78, 87, 58) }
```


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

```
.border{ border-color:rgb(78, 87, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 87, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 87, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 87, 58);  
box-shadow:4px 4px 4px 4px rgb(78, 87, 58)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 29.5662, -7.5851, 10.0584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 87, 58) }
```

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

```
.background{ background-color: rgb(78, 87,  
58) }
```

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