

Converting Colors

HunterLab(29.3679, -3.4490,
4.4514)

Have a look what the booklet for
HunterLab(29.3679, -3.4490, 4.4514)
contains.

HunterLab(29.3223, -3.6265, 4.5450)	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(29.3223, -3.6265,
4.5450)**

Conversions

Conversions Part 1

Format	Color
Hex	51544B
RGB	81, 84, 75
RGB Percent	32%, 33%, 29%
CMY	0.6824, 0.6706, 0.7059
CMYK	0.04, 0.00, 0.11, 0.67
HSL	80°, 6%, 31%
HSV	80°, 11%, 33%
XYZ	7.8337, 8.5980, 7.9033
YIQ	82.0770, 1.1010, -3.4350

Conversions

Conversions Part 2

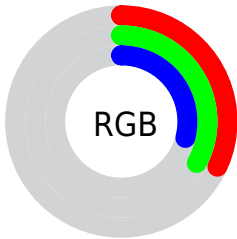
Format	Color
RYB	75, 84, 78
Decimal	5329995
CIELab	35.20, -3.09, 4.85
CIELCh	35, 5.747, 122.532
Yxy	8.5983, 0.3219, 0.3533
Android (android.graphics.Color)	4283520075 (0xFF51544B)
YUV	82.0770, -3.4890, -0.9445
Hunter-Lab	29.3223, -3.6265, 4.5450

Details

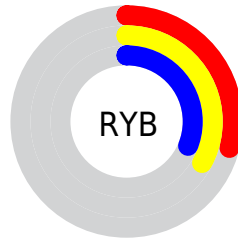
The HunterLab color **29.3223, -3.6265, 4.5450** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **27.0041, 0.7227, -1.7641**, and the grayscale version is **29.0881, -1.5521, 1.5804**.

A 20% lighter version of the original color is **47.9334, -4.8190, 5.8653**, and **13.8746, -2.4044, 2.9678** is the 20% darker color. If you saturate the color by 10%, you get **28.9302, -5.4024, 6.9776**, and if you desaturate by 10%, it is **29.7446, -1.7292, 1.8235**.

Distribution



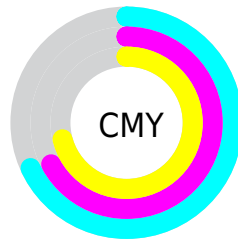
- Red (32%)
- Green (33%)
- Blue (29%)



- Red (29%)
- Yellow (33%)
- Blue (31%)



- Cyan (4%)
- Magenta (0%)
- Yellow (11%)
- Black (67%)



- Cyan (68%)
- Magenta (67%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.3223, -3.6265, 4.5450 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 29.3223, -3.6265, 4.5450 by changing the saturation by 10% instead.

■ 29.3223, -3.6265,
4.5450

■ 29.3223, -3.6265,
4.5450

134.2954,
-10.6264, 12.3845

■ 21.1663, -2.9731,
3.7620

■ 48.0868, -5.0085,
6.1503

■ 13.9485, -2.3394,
2.9800

■ 58.5653, -5.7371,
6.9793

■ 7.5867, -2.1804,
3.0604

■ 69.7107, -6.4911,
7.8281

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 81.4852, -7.2700,
8.6975

0.0000, NaN, NaN

■ 93.8567, -8.0735,
9.5878

0.0000, NaN, NaN

106.7978, -8.9011,

0.0000, NaN, NaN

10.4991

0.0000, NaN, NaN

120.2845, -9.7522,
11.4314

■ 29.3223, -3.6265,
4.5450

■ 29.3223, -3.6265,
4.5450

■ 28.9302, -5.4024,
6.9776

■ 29.7446, -1.7292,
1.8235

■ 28.5665, -7.0501,
9.1153

■ 30.1950, 0.2865,
-1.1812

■ 28.2317, -8.5669,
10.9563

■ 30.6739, 2.4140,
-4.4599

■ 27.9256, -9.9503,
12.5013

■ 31.1809, 4.6472,
-8.0025

■ 27.6475, -11.1995,
13.7547

■ 31.7154, 6.9796,
-11.7980

■ 27.3969, -12.3151,
14.7246

■ 32.2769, 9.4046,
-15.8343

■ 27.1727, -13.3000,
15.4241

■ 32.8648, 11.9157,
-20.0992

■ 26.9729, -14.1627,
15.8804

■ 33.4784, 14.5065,
-24.5800

■ 26.7982, -14.9194,
16.2517

■ 34.1170, 17.1708,
-29.2642

Harmonies

Analogous

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



29.3229, -1.7377, 5.0549



29.3223, -3.6265, 4.5450



29.3229, -4.9357, 3.2509

Triad

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



29.3229, -3.6272, 4.5454



29.3229, -3.3375, -1.8776



29.3229, 2.4187, 1.7590

Complementary

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



29.3223, -3.6265, 4.5450



27.0041, 0.7227, -1.7641

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.



29.3229, 1.9628, -0.1611



29.3223, -3.6265, 4.5450



29.3229, -1.3943, -2.3431

Square

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



29.3229, -3.6272, 4.5454



29.3229, -4.7717, -0.4626



29.3229, 0.5534, -1.6954



29.3229, 1.7833, 3.5157

Rectangle

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



29.3223, -3.6265, 4.5450



29.3229, -5.3213, 2.0727



29.3229, 0.5534, -1.6954



29.3229, 2.3880, 1.1115

Sweetspot

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



29.3229, -3.6272, 4.5454



39.1759, -2.8989, 3.3036



28.0034, -0.2375, 3.1574



19.8122, -1.5486, 1.7898



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.



29.3229, -3.6272, 4.5454



38.6095, -5.4519, 6.9249



28.9933, -4.8040, 4.1686



14.6419, -1.6190, 1.9995



33.6186, -18.9634, 20.3836



80.4219, -46.7982, 48.7363

Inverse Universe

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



27.0041, 0.7227, -1.7641



34.7734, 1.7486, -3.5247



27.3657, 1.9435, -1.2765



13.7043, 0.1393, -0.5500



11.6862, 28.6613, -59.4890



27.2450, 68.0521, -148.2397

Previews

White Background



This preview shows how the HunterLab color 29.3223, -3.6265, 4.5450 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



This preview shows how the HunterLab color 29.3223, -3.6265, 4.5450 looks on a 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 29.3223, -3.6265, 4.5450 Background



This preview shows how black text looks on a background with the HunterLab color 29.3223, -3.6265, 4.5450.



This preview shows how white text looks on a background with the HunterLab color 29.3223, -3.6265, 4.5450.

4.5450.

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

29.3223, -3.6265, 4.5450

Protanopia

29.1675, -1.5272, 4.7769

Deuteranopia

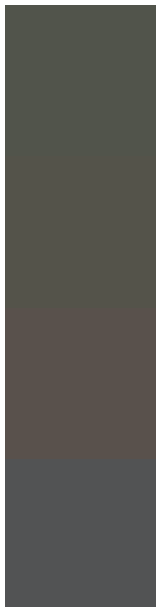
29.3024, 1.6414, 4.2498



Tritanopia

29.3170, -0.2349, -1.0530

Trichromacy



Original Color

29.3223, -3.6265, 4.5450

Protanomaly

29.2673, -2.5149, 4.8660

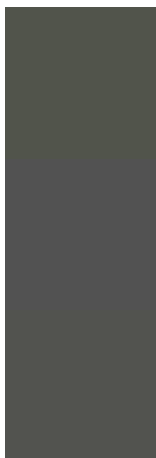
Deuteranomaly

29.2070, 0.0215, 4.1176

Tritanomaly

29.3606, -1.6917, 1.1247

Monochromacy



Original Color

29.3223, -3.6265, 4.5450

Achromatopsia

29.0476, -1.5499, 1.5782

Achromatomaly

29.2316, -2.4005, 2.9669

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.3223, -3.6265, 4.5450 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(81, 84, 75)` looks like.

```
.text, #text, p{  
    color:rgb(81, 84, 75)  
}
```

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(81, 84, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 84, 75) }
```

Border

The CSS property to change the border of an element to HunterLab 29.3223, -3.6265, 4.5450 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(81, 84, 75) }
```


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

```
.border{ border-color:rgb(81, 84, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 84, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 84, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 84, 75);  
box-shadow:4px 4px 4px 4px rgb(81, 84, 75)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 29.3223, -3.6265, 4.5450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 84, 75) }
```

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

```
.background{ background-color: rgb(81, 84,  
75) }
```

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