

Converting Colors

HunterLab(29.8732, -4.5170,
4.8171)

Have a look what the booklet for
HunterLab(29.8732, -4.5170, 4.8171)
contains.

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Color

**HunterLab(29.8776, -4.3376,
4.7660)**

Conversions

Conversions Part 1

Format	Color
Hex	51564C
RGB	81, 86, 76
RGB Percent	32%, 34%, 30%
CMY	0.6824, 0.6627, 0.7020
CMYK	0.06, 0.00, 0.12, 0.66
HSL	90°, 6%, 32%
HSV	90°, 12%, 34%
XYZ	8.0256, 8.9267, 8.1375
YIQ	83.3650, 0.2300, -4.1700

Conversions

Conversions Part 2

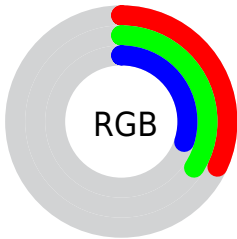
Format	Color
R_{YB}	76, 86, 81
Decimal	5330508
CIE Lab	35.84, -4.10, 5.14
CIE LCh	36, 6.578, 128.609
Yxy	8.9271, 0.3199, 0.3558
Android (android.graphics.Color)	4283520588 (0xFF51564C)
YUV	83.3650, -3.6309, -2.0741
Hunter-Lab	29.8776, -4.3376, 4.7660

Details

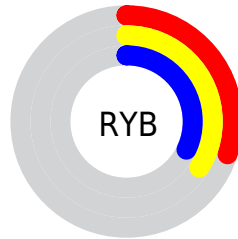
The HunterLab color $29.8776, -4.3376, 4.7660$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $27.5506, 1.4016, -1.9467$, and the grayscale version is $29.5571, -1.5771, 1.6059$.

A 20% lighter version of the original color is $48.8209, -6.0537, 6.4147$, and $14.3709, -3.0249, 3.1646$ is the 20% darker color. If you saturate the color by 10%, you get $29.3791, -6.5165, 7.1451$, and if you desaturate by 10%, it is $30.4153, -2.0185, 2.1147$.

Distribution



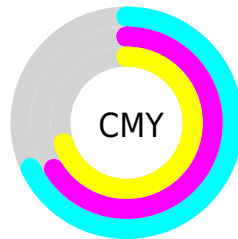
- Red (32%)
- Green (34%)
- Blue (30%)



- Red (30%)
- Yellow (34%)
- Blue (32%)



- Cyan (6%)
- Magenta (0%)
- Yellow (12%)
- Black (66%)



- Cyan (68%)
- Magenta (66%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.8776, -4.3376, 4.7660 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 29.8776, -4.3376, 4.7660 by changing the saturation by 10% instead.

■ 29.8776, -4.3376,
4.7660

■ 29.8776, -4.3376,
4.7660

135.2158,
-11.8117, 12.7497

■ 21.6649, -3.6101,
3.9610

■ 48.7410, -5.8484,
6.4102

■ 14.3829, -2.8927,
3.1544

■ 59.2638, -6.6345,
7.2566

■ 8.0431, -2.6535,
3.0870

■ 70.4508, -7.4425,
8.1219

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 82.2647, -8.2726,
9.0068

0.0000, NaN, NaN

■ 94.6737, -9.1248,
9.9120

0.0000, NaN, NaN

107.6507, -9.9989,

0.0000, NaN, NaN

121.1717,
-10.8946, 11.7834

■ 29.8776, -4.3376,
4.7660

■ 29.8776, -4.3376,
4.7660

■ 29.3791, -6.5165,
7.1451

■ 30.4153, -2.0185,
2.1147

■ 28.9184, -8.5441,
9.2421

■ 30.9896, 0.4335,
-0.7994

■ 28.4963, -10.4135,
11.0513

■ 31.6004, 3.0079,
-3.9636

■ 28.1131, -12.1180,
12.5701

■ 32.2467, 5.6948,
-7.3646

■ 27.7683, -13.6530,
13.7995

■ 32.9276, 8.4843,
-10.9885

■ 27.4614, -15.0160,
14.7456

■ 33.6419, 11.3670,
-14.8211

■ 27.1916, -16.2072,
15.4198

■ 34.3885, 14.3338,
-18.8483

■ 26.9563, -17.2359,
15.8539

■ 35.1663, 17.3763,
-23.0563

■ 26.7757, -18.0318,
16.1834

■ 35.9742, 20.4863,
-27.4317

Harmonies

Analogous

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



29.8782, -2.2630, 5.5380



29.8776, -4.3376, 4.7660



29.8782, -5.6510, 3.1383

Triad

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



29.8782, -4.3383, 4.7664



29.8782, -3.2112, -2.6168



29.8782, 2.9606, 2.2568

Complementary

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



29.8776, -4.3376, 4.7660



27.5506, 1.4016, -1.9467

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.



29.8782, 2.6878, 0.0310



29.8776, -4.3376, 4.7660



29.8782, -0.9228, -2.8981

Square

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



29.8782, -4.3383, 4.7664



29.8782, -5.0142, -1.1549



29.8782, 1.2493, -1.8965



29.8782, 1.9835, 4.1636

Rectangle

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



29.8776, -4.3376, 4.7660



29.8782, -5.9408, 1.7296



29.8782, 1.2493, -1.8965



29.8782, 3.0126, 1.5228

Sweetspot

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



29.8782, -4.3383, 4.7664



40.1015, -3.1312, 3.3339



28.9576, -0.8382, 3.8290



19.7854, -1.6424, 1.7576



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.



29.8782, -4.3383, 4.7664



39.3063, -6.5740, 7.2330



29.5199, -5.6256, 4.3584



15.4113, -1.8955, 2.0736



33.6272, -22.9380, 20.3193



79.3657, -55.7467, 47.9288

Inverse Universe

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



27.5506, 1.4016, -1.9467



35.4880, 2.8466, -3.7909



27.9633, 2.7840, -1.3886



14.5059, 0.3362, -0.5354



13.5491, 31.0533, -52.0973



31.2717, 72.6601, -127.9021

Previews

White Background



This preview shows how the HunterLab color 29.8776, -4.3376, 4.7660 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 29.8776, -4.3376, 4.7660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

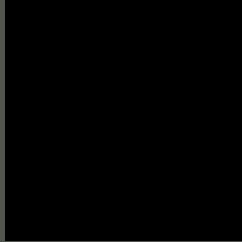
Any Text WCAG AA × Fail

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 29.8776, -4.3376, 4.7660 Background



This preview shows how black text looks on a background with the HunterLab color 29.8776, -4.3376, 4.7660.



This preview shows how white text looks on a background with the HunterLab color 29.8776, -4.3376,

4.7660.

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

29.8776, -4.3376, 4.7660

Protanopia

29.8720, -1.6944, 5.1653

Deuteranopia

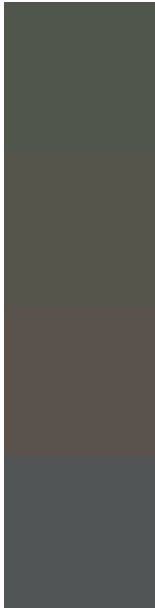
29.7550, 1.9276, 4.3782



Tritanopia

29.8914, -0.7993, -1.2269

Trichromacy



Original Color

29.8776, -4.3376, 4.7660

Protanomaly

29.8936, -2.9633, 5.1660

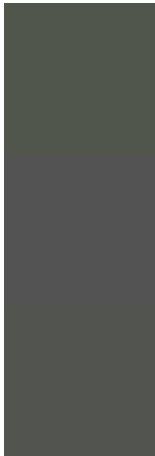
Deuteranomaly

29.8262, -0.4327, 4.4141

Tritanomaly

29.9378, -2.2603, 0.9720

Monochromacy



Original Color

29.8776, -4.3376, 4.7660

Achromatopsia

29.4110, -1.5693, 1.5980

Achromatomaly

29.5189, -2.6900, 2.8987

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.8776, -4.3376, 4.7660 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, 86, 76)` looks like.

```
.text, #text, p{  
    color:rgb(81, 86, 76)  
}
```

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, 86, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 86, 76) }
```

Border

The CSS property to change the border of an element to HunterLab 29.8776, -4.3376, 4.7660 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, 86, 76) }
```


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

```
.border{ border-color:rgb(81, 86, 76) }
```

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

Here you see how a box with a 4 pixel rgb(81, 86, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 86, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 86, 76);  
box-shadow:4px 4px 4px 4px rgb(81, 86, 76)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 29.8776, -4.3376, 4.7660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 86, 76) }
```

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

```
.background{ background-color: rgb(81, 86,  
76) }
```

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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