

Converting Colors

HunterLab(29.5511, -13.8826,
1.5578)

Have a look what the booklet for
HunterLab(29.5511, -13.8826,
1.5578) contains.

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Color

**HunterLab(29.5465,
-13.8662, 1.5418)**

Conversions

Conversions Part 1

Format	Color
Hex	285C53
RGB	40, 92, 83
RGB Percent	16%, 36%, 33%
CMY	0.8431, 0.6392, 0.6745
CMYK	0.57, 0.00, 0.10, 0.64
HSL	170°, 39%, 26%
HSV	170°, 57%, 36%
XYZ	6.2636, 8.7300, 9.5386
YIQ	75.4260, -28.1030, -13.8230

Conversions

Conversions Part 2

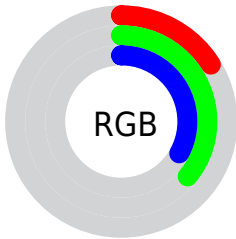
Format	Color
R_{YB}	40, 68, 92
Decimal	2645075
CIE _{Lab}	35.46, -19.85, -0.10
CIE _{LCh}	35, 19.847, 180.296
Yxy	8.7303, 0.2553, 0.3559
Android (android.graphics.Color)	4280835155 (0xFF285C53)
YUV	75.4260, 3.7340, -31.0686
Hunter-Lab	29.5465, -13.8662, 1.5418

Details

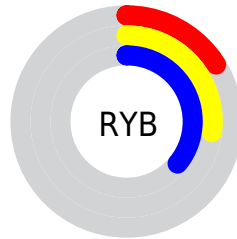
The HunterLab color $[29.5465, -13.8662, 1.5418]$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $[20.0371, 15.9545, 4.0272]$, and the grayscale version is $[26.6727, -1.4232, 1.4492]$.

A 20% lighter version of the original color is $[48.4608, -17.7549, 2.8426]$, and $[14.4704, -8.9559, 1.2465]$ is the 20% darker color. If you saturate the color by 10%, you get $[29.2285, -15.1978, 1.7900]$, and if you desaturate by 10%, it is $[29.9367, -12.2772, 1.3779]$.

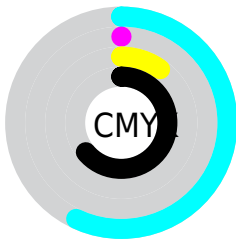
Distribution



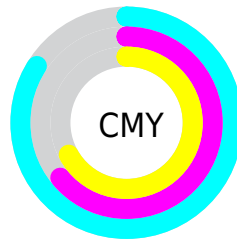
- Red (16%)
- Green (36%)
- Blue (33%)



- Red (16%)
- Yellow (27%)
- Blue (36%)



- Cyan (57%)
- Magenta (0%)
- Yellow (10%)
- Black (64%)



- Cyan (84%)
- Magenta (64%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.5465, -13.8662, 1.5418 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 29.5465, -13.8662, 1.5418 by changing the saturation by 10% instead.

■ 29.5465, -13.8662,
1.5418

■ 29.5465, -13.8662,
1.5418

134.6674,
-28.7851, 7.2207

■ 21.3675, -11.9279,
1.1037

■ 48.3510, -17.4399,
2.5539

■ 14.1236, -9.8110,
0.7170

■ 58.8475, -19.1346,
3.1200

■ 7.7745, -11.5393,
0.3686

■ 70.0097, -20.7908,
3.7227

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 81.8001, -22.4194,
4.3598

0.0000, NaN, NaN

■ 94.1868, -24.0279,
5.0295

0.0000, NaN, NaN

■ 107.1425,

0.0000, NaN, NaN

-25.6222, 5.7305

0.0000, NaN, NaN

120.6430,
-27.2068, 6.4613

■ 29.5465, -13.8662,
1.5418

■ 29.5465, -13.8662,
1.5418

■ 29.2285, -15.1978,
1.7900

■ 29.9367, -12.2772,
1.3779

■ 28.9778, -16.2736,
2.1157

■ 30.3992, -10.4344,
1.3012

■ 28.7905, -17.1036,
2.5112

■ 30.9357, -8.3476,
1.3138

■ 28.6459, -17.7657,
2.9493

■ 31.5463, -6.0308,
1.4161

■ 28.5963, -17.9937,
3.1003

■ 32.2302, -3.5010,
1.6068

■ 32.9861, -0.7772,
1.8832

■ 33.8122, 2.1205,
2.2417

■ 34.7062, 5.1719,
2.6780

■ 35.6656, 8.3574,
3.1872

Harmonies

Analogous

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



29.5471, -12.3816, 7.2743



29.5465, -13.8662, 1.5418



29.5471, -12.3225, -5.6054

Triad

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



29.5471, -13.8664, 1.5422



29.5471, 5.5213, -11.7167



29.5471, 5.3900, 10.7066

Complementary

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



29.5465, -13.8662, 1.5418



20.0371, 15.9545, 4.0272

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.



29.5471, 10.9615, 7.3646



29.5465, -13.8662, 1.5418



29.5471, 11.0422, -5.4639

Square

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



29.5471, -13.8664, 1.5422



29.5471, -1.5086, -14.2694



29.5471, 13.1183, 1.6743



29.5471, -1.6476, 11.7591

Rectangle

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



29.5465, -13.8662, 1.5418



29.5471, -9.6925, -10.0323



29.5471, 13.1183, 1.6743



29.5471, 7.5190, 9.8590

Sweetspot

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



29.5471, -13.8664, 1.5422



41.6472, -8.3038, 1.8543



29.1104, -17.2003, 13.5476



20.8026, -4.3500, 0.9178



71.2094, -3.7996, 3.8689



21.6712, -1.1563, 1.1774

Same Dimension

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



29.5471, -13.8664, 1.5422



38.5369, -20.6619, 2.5133



25.1574, -5.9979, -8.4669



16.1687, -2.0686, 0.7841



34.3891, -21.7064, 3.8745



80.4024, -51.2282, 10.0910

Inverse Universe

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



20.0371, 15.9545, 4.0272



23.7556, 26.5016, 6.8577



23.0273, 8.0247, 9.1606



15.3422, 0.4423, 0.9585



18.2744, 31.5524, 9.8171



42.6507, 73.4167, 24.6439

Previews

White Background



This preview shows how the HunterLab color 29.5465, -13.8662, 1.5418 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 29.5465, -13.8662, 1.5418 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

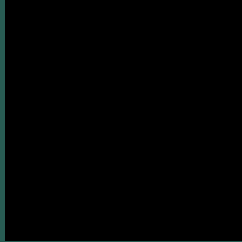
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

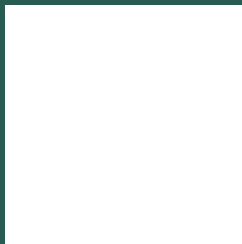
Any Text WCAG AAA × Fail

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

HunterLab 29.5465, -13.8662, 1.5418 Background



This preview shows how black text looks on a background with the HunterLab color 29.5465, -13.8662, 1.5418.



This preview shows how white text looks on a background with the HunterLab color 29.5465,

-13.8662, 1.5418.

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

29.5465, -13.8662, 1.5418

Protanopia

29.5212, -1.4389, 3.6897

Deuteranopia

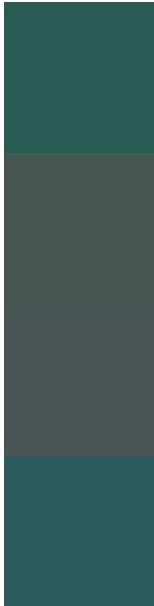
29.5202, 1.5422, 0.9558



Tritanopia

29.5521, -10.0631, -4.6559

Trichromacy



Original Color

29.5465, -13.8662, 1.5418

Protanomaly

29.1547, -6.7550, 2.4126

Deuteranomaly

29.1801, -5.0567, 0.8499

Tritanomaly

29.6116, -11.6186, -2.2301

Monochromacy



Original Color

29.5465, -13.8662, 1.5418

Achromatopsia

26.5255, -1.4153, 1.4412

Achromatomaly

27.3113, -6.5921, 1.0664

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.5465, -13.8662, 1.5418 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(40, 92, 83)` looks like.

```
.text, #text, p{  
  color:rgb(40, 92, 83)  
}
```

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(40, 92, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 92, 83) }
```

Border

The CSS property to change the border of an element to HunterLab 29.5465, -13.8662, 1.5418 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(40, 92, 83) }
```


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

```
.border{ border-color:rgb(40, 92, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 92, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 92, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 92, 83);  
box-shadow:4px 4px 4px 4px rgb(40, 92, 83)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 29.5465, -13.8662, 1.5418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 92, 83) }
```

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

```
.background{ background-color: rgb(40, 92,  
83) }
```

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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