

Converting Colors

HunterLab(27.6487, -15.0860,
5.2435)

Have a look what the booklet for
HunterLab(27.6487, -15.0860,
5.2435) contains.

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Color

**HunterLab(27.5299,
-15.0160, 5.2646)**

Conversions

Conversions Part 1

Format	Color
Hex	235743
RGB	35, 87, 67
RGB Percent	14%, 34%, 26%
CMY	0.8627, 0.6588, 0.7373
CMYK	0.60, 0.00, 0.23, 0.66
HSL	157°, 43%, 24%
HSV	157°, 60%, 34%
XYZ	5.1144, 7.5790, 6.5035
YIQ	69.1720, -24.5720, -17.2440

Conversions

Conversions Part 2

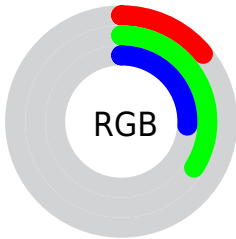
Format	Color
RYB	35, 67, 87
Decimal	2316099
CIELab	33.09, -22.83, 6.46
CIElCh	33, 23.726, 164.202
Yxy	7.5793, 0.2664, 0.3948
Android (android.graphics.Color)	4280506179 (0xFF235743)
YUV	69.1720, -1.0708, -29.9688
Hunter-Lab	27.5299, -15.0160, 5.2646

Details

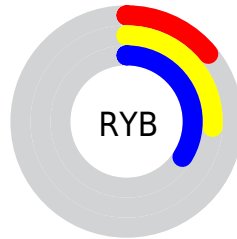
The HunterLab color $[27.5299, -15.0160, 5.2646]$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $[18.7198, 17.0277, 0.3845]$, and the grayscale version is $[24.4660, -1.3054, 1.3293]$.

A 20% lighter version of the original color is $[45.8916, -18.9073, 6.9921]$, and $[12.8523, -9.1890, 3.7722]$ is the 20% darker color. If you saturate the color by 10%, you get $[27.2149, -16.4209, 6.0270]$, and if you desaturate by 10%, it is $[27.9144, -13.3557, 4.5374]$.

Distribution



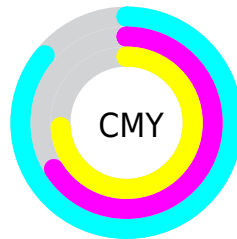
- Red (14%)
- Green (34%)
- Blue (26%)



- Red (14%)
- Yellow (26%)
- Blue (34%)



- Cyan (60%)
- Magenta (0%)
- Yellow (23%)
- Black (66%)



- Cyan (86%)
- Magenta (66%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 27.5299, -15.0160, 5.2646 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 27.5299, -15.0160, 5.2646 by changing the saturation by 10% instead.

■ 27.5299, -15.0160,
5.2646

■ 27.5299, -15.0160,
5.2646

131.2988,
-31.5041, 13.8132

■ 19.5625, -12.7904,
4.3589

■ 45.9667, -19.0509,
7.0723

■ 12.5588, -10.3211,
3.4298

■ 56.2992, -20.9403,
7.9884

■ 5.8495, -10.2367,
4.0947

■ 67.3073, -22.7748,
8.9179

0.0000, NaN, NaN

■ 78.9520, -24.5686,
9.8627

0.0000, NaN, NaN

■ 91.2001, -26.3317,
10.8240

0.0000, NaN, NaN

■ 104.0232,

0.0000, NaN, NaN

-28.0717, 11.8025

0.0000, NaN, NaN

117.3967,
-29.7943, 12.7989

27.5299, -15.0160,
5.2646

27.5299, -15.0160,
5.2646

27.2149, -16.4209,
6.0270

27.9144, -13.3557,
4.5374

26.9647, -17.5703,
6.8140

28.3685, -11.4450,
3.8529

26.7752, -18.4748,
7.6148

28.8935, -9.2955,
3.2187

26.6096, -19.2802,
8.3880

29.4895, -6.9226,
2.6404

26.6058, -19.2986,
8.4052

30.1555, -4.3446,
2.1224

■ 30.8902, -1.5816,
1.6676

■ 31.6917, 1.3455,
1.2774

■ 32.5576, 4.4161,
0.9522

■ 33.4854, 7.6105,
0.6914

Harmonies

Analogous

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



27.5305, -11.5906, 10.2043



27.5299, -15.0160, 5.2646



27.5305, -15.1063, -2.4265

Triad

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



27.5305, -15.0163, 5.2649



27.5305, 2.4915, -17.2850



27.5305, 10.7227, 10.0151

Complementary

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



27.5299, -15.0160, 5.2646



18.7198, 17.0277, 0.3845

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.



27.5305, 15.4768, 4.9192



27.5299, -15.0160, 5.2646



27.5305, 10.3624, -11.5135

Square

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



27.5305, -15.0163, 5.2649



27.5305, -5.6186, -17.1111



27.5305, 15.3378, -2.8888



27.5305, 2.9388, 12.3498

Rectangle

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



27.5299, -15.0160, 5.2646



27.5305, -13.2972, -8.2964



27.5305, 15.3378, -2.8888



27.5305, 12.7664, 8.6458

Sweetspot

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



27.5305, -15.0163, 5.2649



38.6217, -8.6559, 3.3645



27.8802, -14.6558, 13.5413



19.0008, -4.5733, 1.7274



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.



27.5305, -15.0163, 5.2649



35.3926, -22.1748, 8.3375



26.5522, -10.0574, -3.9497



15.3292, -2.0679, 1.0520



33.0583, -24.1116, 10.7301



78.2385, -57.8503, 27.0909

Inverse Universe

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



18.7198, 17.0277, 0.3845



21.9383, 27.4435, 1.4914



19.1804, 12.9628, 7.1302



14.5983, 0.5186, 0.6019



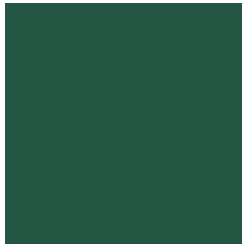
18.1479, 31.9684, 4.8305



42.8209, 75.0653, 14.2347

Previews

White Background



This preview shows how the HunterLab color 27.5299, -15.0160, 5.2646 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

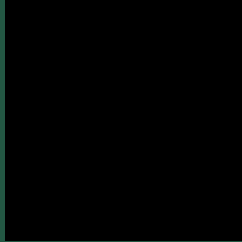
Any Text WCAG AA × Fail

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 27.5299, -15.0160, 5.2646 Background



This preview shows how black text looks on a background with the HunterLab color 27.5299, -15.0160, 5.2646.



This preview shows how white text looks on a background with the HunterLab color 27.5299,

-15.0160, 5.2646.

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

27.5299, -15.0160, 5.2646

Protanopia

27.2936, -1.9638, 6.8837

Deuteranopia

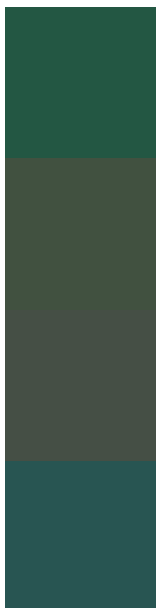
27.4755, 1.5919, 4.4544



Tritanopia

27.5854, -9.0944, -4.4342

Trichromacy



Original Color

27.5299, -15.0160, 5.2646

Protanomaly

27.1640, -7.7957, 6.0149

Deuteranomaly

26.9942, -5.4194, 4.1726

Tritanomaly

27.4906, -11.4446, -0.4773

Monochromacy



Original Color

27.5299, -15.0160, 5.2646

Achromatopsia

24.3949, -1.3017, 1.3254

Achromatomaly

25.4088, -7.1258, 2.7709

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 27.5299, -15.0160, 5.2646 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(35, 87, 67)` looks like.

```
.text, #text, p{  
    color:rgb(35, 87, 67)  
}
```

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(35, 87, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 87, 67) }
```

Border

The CSS property to change the border of an element to HunterLab 27.5299, -15.0160, 5.2646 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(35, 87, 67) }
```


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

```
.border{ border-color:rgb(35, 87, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 87, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 87, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 87, 67);  
box-shadow:4px 4px 4px 4px rgb(35, 87, 67)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 27.5299, -15.0160, 5.2646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 87, 67) }
```

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

```
.background{ background-color: rgb(35, 87,  
67) }
```

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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