

Converting Colors

HunterLab(29.7180, -15.7888,
0.1299)

Have a look what the booklet for
HunterLab(29.7180, -15.7888,
0.1299) contains.

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Color

**HunterLab(29.7726,
-15.8065, 0.1127)**

Conversions

Conversions Part 1

Format	Color
Hex	165E57
RGB	22, 94, 87
RGB Percent	9%, 37%, 34%
CMY	0.9137, 0.6314, 0.6588
CMYK	0.77, 0.00, 0.07, 0.63
HSL	174°, 62%, 23%
HSV	174°, 77%, 37%
XYZ	6.0539, 8.8641, 10.4087
YIQ	71.6740, -40.6650, -17.4410

Conversions

Conversions Part 2

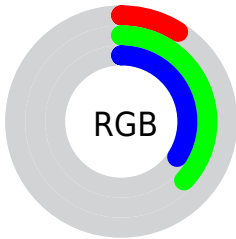
Format	Color
R_{YB}	22, 60, 94
Decimal	1465943
CIE _{Lab}	35.72, -23.26, -2.27
CIE _{LCh}	36, 23.367, 185.582
Yxy	8.8644, 0.2390, 0.3500
Android (android.graphics.Color)	4279656023 (0xFF165E57)
YUV	71.6740, 7.5557, -43.5641
Hunter-Lab	29.7726, -15.8065, 0.1127

Details

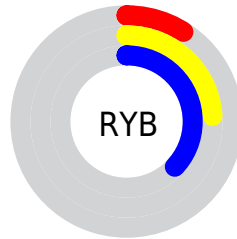
The HunterLab color **29.7726, -15.8065, 0.1127** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **17.4426, 21.9230, 7.1798**, and the grayscale version is **25.3258, -1.3513, 1.3760**.

A 20% lighter version of the original color is **48.6586, -19.9186, 0.7967**, and **14.8331, -8.6960, 0.2321** is the 20% darker color. If you saturate the color by 10%, you get **29.5999, -16.5445, 0.2780**, and if you desaturate by 10%, it is **30.0108, -14.8209, 0.0296**.

Distribution



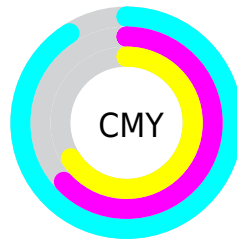
- Red (9%)
- Green (37%)
- Blue (34%)



- Red (9%)
- Yellow (24%)
- Blue (37%)



- Cyan (77%)
- Magenta (0%)
- Yellow (7%)
- Black (63%)



- Cyan (91%)
- Magenta (63%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.7726, -15.8065, 0.1127 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 29.7726, -15.8065, 0.1127 by changing the saturation by 10% instead.

■ 29.7726, -15.8065,
0.1127

■ 29.7726, -15.8065,
0.1127

135.0419,
-32.3966, 4.8950

■ 21.5705, -13.5931,
-0.1881

■ 48.6173, -19.8467,
0.8836

■ 14.3005, -11.1576,
-0.4211

■ 59.1318, -21.7459,
1.3412

■ 7.9590, -13.1579,
-0.7506

■ 70.3109, -23.5927,
1.8417

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 82.1173, -25.4001,
2.3818

0.0000, NaN, NaN

■ 94.5193, -27.1778,
2.9592

0.0000, NaN, NaN

■ 107.4895,

0.0000, NaN, NaN

-28.9330, 3.5717

0.0000, NaN, NaN

121.0041,
-30.6711, 4.2175

29.7726, -15.8065,
0.1127

29.7726, -15.8065,
0.1127

29.5999, -16.5445,
0.2780

30.0108, -14.8209,
0.0296

29.4703, -17.1120,
0.4969

30.3174, -13.5757,
0.0343

29.4268, -17.3032,
0.5718

30.6966, -12.0672,
0.1315

31.1504, -10.2983,
0.3234

31.6800, -8.2773,
0.6102

■ 32.2858, -6.0172,
0.9902

■ 32.9670, -3.5346,
1.4604

■ 33.7225, -0.8481,
2.0166

■ 34.5505, 2.0221,
2.6537

Harmonies

Analogous

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



29.7732, -14.7166, 7.2145



29.7726, -15.8065, 0.1127



29.7732, -13.4381, -8.5798

Triad

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



29.7732, -15.8066, 0.1131



29.7732, 8.2270, -13.4724



29.7732, 5.2644, 12.3571

Complementary

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



29.7726, -15.8065, 0.1127



17.4426, 21.9230, 7.1798

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.



29.7732, 12.4600, 9.1401



29.7726, -15.8065, 0.1127



29.7732, 14.2968, -5.3264

Square

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



29.7732, -15.8066, 0.1131



29.7732, -0.0293, -17.6799



29.7732, 15.9243, 3.0533



29.7732, -3.1196, 13.0776

Rectangle

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



29.7726, -15.8065, 0.1127



29.7732, -10.0465, -13.7323



29.7732, 15.9243, 3.0533



29.7732, 7.9299, 11.5848

Sweetspot

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



29.7732, -15.8066, 0.1131



42.1405, -10.1235, 0.9396



28.8579, -21.6762, 15.8428



20.5356, -5.3038, 0.4042



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.



29.7732, -15.8066, 0.1131



39.0363, -22.4706, 0.6209



21.8693, -3.5550, -15.2973



16.1771, -2.0222, 0.6651



34.6080, -20.3859, 0.7504



80.9413, -47.9731, 2.3907

Inverse Universe

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



17.4426, 21.9230, 7.1798



21.0537, 33.7130, 11.6006



21.8818, 10.1321, 11.6037



15.3341, 0.3985, 1.0743



18.2098, 31.3133, 10.7712



42.5352, 72.9889, 26.3535

Previews

White Background



This preview shows how the HunterLab color 29.7726, -15.8065, 0.1127 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 29.7726, -15.8065, 0.1127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

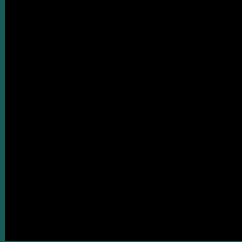
Any Text WCAG AA × Fail

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 29.7726, -15.8065, 0.1127 Background



This preview shows how black text looks on a background with the HunterLab color 29.7726, -15.8065, 0.1127.



This preview shows how white text looks on a background with the HunterLab color 29.7726,

-15.8065, 0.1127.

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

29.7726, -15.8065, 0.1127

Protanopia

29.5957, -1.0318, 2.6235

Deuteranopia

29.5751, 2.0058, -1.1322



Tritanopia

29.7496, -12.0845, -5.9083

Trichromacy



Original Color

29.7726, -15.8065, 0.1127

Protanomaly

29.1508, -8.0316, 1.1773

Deuteranomaly

29.1559, -6.2634, -1.3634

Tritanomaly

29.8126, -13.6618, -3.3999

Monochromacy



Original Color

29.7726, -15.8065, 0.1127

Achromatopsia

25.4565, -1.3583, 1.3831

Achromatomaly

26.5658, -7.9924, 0.5598

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.7726, -15.8065, 0.1127 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(22, 94, 87)` looks like.

```
.text, #text, p{  
    color:rgb(22, 94, 87)  
}
```

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(22, 94, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 94, 87) }
```

Border

The CSS property to change the border of an element to HunterLab 29.7726, -15.8065, 0.1127 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(22, 94, 87) }
```


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

```
.border{ border-color:rgb(22, 94, 87) }
```

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

Here you see how a box with a 4 pixel rgb(22, 94, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 94, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 94, 87);  
box-shadow:4px 4px 4px 4px rgb(22, 94, 87)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 29.7726, -15.8065, 0.1127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 94, 87) }
```

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

```
.background{ background-color: rgb(22, 94,  
87) }
```

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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