

Converting Colors

HunterLab(29.7390, -16.7559,
6.3970)

Have a look what the booklet for
HunterLab(29.7390, -16.7559,
6.3970) contains.

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Color

**HunterLab(29.7337,
-16.7877, 6.4737)**

Conversions

Conversions Part 1

Format	Color
Hex	255E46
RGB	37, 94, 70
RGB Percent	15%, 37%, 27%
CMY	0.8549, 0.6314, 0.7255
CMYK	0.61, 0.00, 0.26, 0.63
HSL	155°, 44%, 26%
HSV	155°, 61%, 37%
XYZ	5.8712, 8.8409, 7.1914
YIQ	74.2210, -26.2680, -19.5480

Conversions

Conversions Part 2

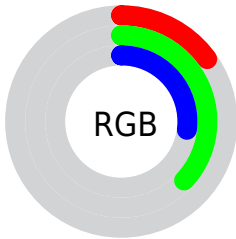
Format	Color
R_{YB}	37, 73, 94
Decimal	2448966
CIE _{Lab}	35.68, -25.09, 8.25
CIE _{LCh}	36, 26.414, 161.793
Yxy	8.8413, 0.2680, 0.4036
Android (android.graphics.Color)	4280639046 (0xFF255E46)
YUV	74.2210, -2.0810, -32.6428
Hunter-Lab	29.7337, -16.7877, 6.4737

Details

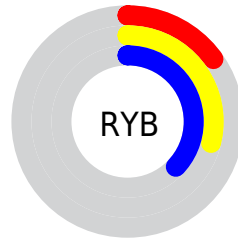
The HunterLab color **29.7337, -16.7877, 6.4737** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **20.0997, 19.1781, -0.3030**, and the grayscale version is **26.2617, -1.4013, 1.4268**.

A 20% lighter version of the original color is **48.6143, -21.1133, 8.6829**, and **14.5333, -10.5185, 4.5410** is the 20% darker color. If you saturate the color by 10%, you get **29.3954, -18.3136, 7.3832**, and if you desaturate by 10%, it is **30.1493, -14.9739, 5.5895**.

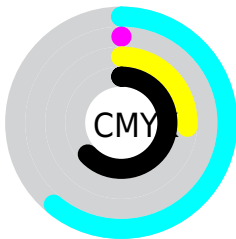
Distribution



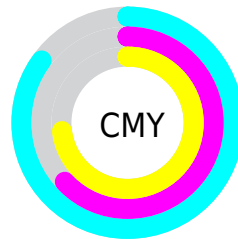
- Red (15%)
- Green (37%)
- Blue (27%)



- Red (15%)
- Yellow (29%)
- Blue (37%)



- Cyan (61%)
- Magenta (0%)
- Yellow (26%)
- Black (63%)



- Cyan (85%)
- Magenta (63%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.7337, -16.7877, 6.4737 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 29.7337, -16.7877, 6.4737 by changing the saturation by 10% instead.

■ 29.7337, -16.7877,
6.4737

■ 29.7337, -16.7877,
6.4737

134.9776,
-34.2933, 15.8846

■ 21.5356, -14.4214,
5.4336

■ 48.5715, -21.0857,
8.5160

■ 14.2701, -11.8071,
4.3538

■ 59.0829, -23.0973,
9.5370

■ 7.9276, -13.8733,
4.7470

■ 70.2591, -25.0483,
10.5649

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 82.0628, -26.9535,
11.6026

0.0000, NaN, NaN

■ 94.4622, -28.8235,
12.6523

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 107.4299,

-30.6662, 13.7153

0.0000, NaN, NaN

120.9421,
-32.4879, 14.7925

■ 29.7337, -16.7877,
6.4737

■ 29.7337, -16.7877,
6.4737

■ 29.3954, -18.3136,
7.3832

■ 30.1493, -14.9739,
5.5895

■ 29.1290, -19.5523,
8.3057

■ 30.6426, -12.8776,
4.7403

■ 28.9297, -20.5170,
9.2286

■ 31.2150, -10.5116,
3.9354

■ 28.7681, -21.3142,
10.0536

■ 31.8666, -7.8934,
3.1826

■ 32.5965, -5.0441,
2.4880

■ 33.4030, -1.9865,
1.8559

■ 34.2841, 1.2554,
1.2892

■ 35.2371, 4.6580,
0.7894

■ 36.2591, 8.1988,
0.3568

Harmonies

Analogous

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



29.7343, -12.6282, 11.7408



29.7337, -16.7877, 6.4737



29.7343, -17.1957, -2.0862

Triad

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



29.7343, -16.7880, 6.4740



29.7343, 2.1692, -20.4125



29.7343, 13.0102, 10.8962

Complementary

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



29.7337, -16.7877, 6.4737



20.0997, 19.1781, -0.3030

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.



29.7343, 18.0981, 4.9005



29.7337, -16.7877, 6.4737



29.7343, 11.3424, -14.1306

Square

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



29.7343, -16.7880, 6.4740



29.7343, -6.9905, -19.5949



29.7343, 17.4526, -4.2252



29.7343, 4.2298, 13.6976

Rectangle

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



29.7337, -16.7877, 6.4737



29.7343, -15.3564, -8.8539



29.7343, 17.4526, -4.2252



29.7343, 15.2551, 9.2813

Sweetspot

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



29.7343, -16.7880, 6.4740



42.3590, -9.6855, 4.0138



30.2553, -15.7499, 14.9372



20.6442, -5.1007, 2.0583



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.



29.7343, -16.7880, 6.4740



38.7220, -25.0386, 10.3337



29.2369, -11.7445, -3.6658



16.1419, -2.2177, 1.1672



33.8242, -25.1595, 12.0348



79.0379, -59.5788, 29.8230

Inverse Universe

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



20.0997, 19.1781, -0.3030



23.8913, 31.0716, 0.6089



20.2128, 15.2855, 7.5881



15.3692, 0.5878, 0.5736



18.6847, 33.0610, 3.8345



43.5289, 76.6519, 11.7919

Previews

White Background



This preview shows how the HunterLab color 29.7337, -16.7877, 6.4737 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 29.7337, -16.7877, 6.4737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

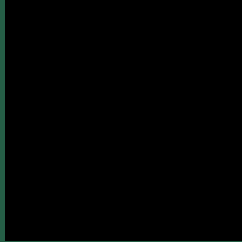
Any Text WCAG AA × Fail

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 29.7337, -16.7877, 6.4737 Background



This preview shows how black text looks on a background with the HunterLab color 29.7337, -16.7877, 6.4737.



This preview shows how white text looks on a background with the HunterLab color 29.7337,

-16.7877, 6.4737.

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

29.7337, -16.7877, 6.4737

Protanopia

29.4822, -2.1455, 8.0720

Deuteranopia

29.4130, 1.8749, 5.4509



Tritanopia

29.6226, -9.7345, -5.0451

Trichromacy



Original Color

29.7337, -16.7877, 6.4737

Protanomaly

29.1954, -8.6176, 7.0553

Deuteranomaly

29.0185, -6.2335, 5.2454

Tritanomaly

29.4963, -12.2905, -0.5978

Monochromacy



Original Color

29.7337, -16.7877, 6.4737

Achromatopsia

26.1683, -1.3963, 1.4218

Achromatomaly

27.1256, -7.5296, 2.8053

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.7337, -16.7877, 6.4737 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(37, 94, 70)` looks like.

```
.text, #text, p{  
    color:rgb(37, 94, 70)  
}
```

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(37, 94, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 94, 70) }
```

Border

The CSS property to change the border of an element to HunterLab 29.7337, -16.7877, 6.4737 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(37, 94, 70) }
```


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

```
.border{ border-color:rgb(37, 94, 70) }
```

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

Here you see how a box with a 4 pixel rgb(37, 94, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 94, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 94, 70);  
box-shadow:4px 4px 4px 4px rgb(37, 94, 70)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 29.7337, -16.7877, 6.4737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 94, 70) }
```

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

```
.background{ background-color: rgb(37, 94,  
70) }
```

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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