

Converting Colors

HunterLab(37.7575, -21.3959,
6.2867)

Have a look what the booklet for
HunterLab(37.7575, -21.3959,
6.2867) contains.

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Color

**HunterLab(37.7588,
-21.3869, 6.2641)**

Conversions

Conversions Part 1

Format	Color
Hex	2A765E
RGB	42, 118, 94
RGB Percent	16%, 46%, 37%
CMY	0.8353, 0.5372, 0.6314
CMYK	0.64, 0.00, 0.20, 0.54
HSL	161°, 47%, 31%
HSV	161°, 64%, 46%
XYZ	9.4537, 14.2573, 12.8434
YIQ	92.5400, -37.5920, -23.5760

Conversions

Conversions Part 2

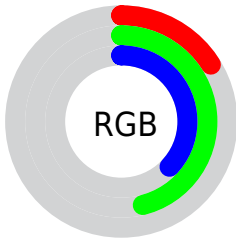
Format	Color
RYB	42, 87, 118
Decimal	2782814
CIELab	44.60, -29.54, 6.40
CIElCh	45, 30.227, 167.781
Yxy	14.2578, 0.2586, 0.3900
Android (android.graphics.Color)	4280972894 (0xFF2A765E)
YUV	92.5400, 0.7198, -44.3236
Hunter-Lab	37.7588, -21.3869, 6.2641

Details

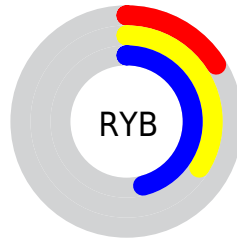
The HunterLab color **37.7588, -21.3869, 6.2641** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **24.2923, 25.7000, 2.8376**, and the grayscale version is **32.9226, -1.7567, 1.7887**.

A 20% lighter version of the original color is **57.9881, -26.3067, 8.2935**, and **21.1415, -14.5253, 4.9310** is the 20% darker color. If you saturate the color by 10%, you get **37.3889, -23.0496, 7.1991**, and if you desaturate by 10%, it is **38.2268, -19.3559, 5.3984**.

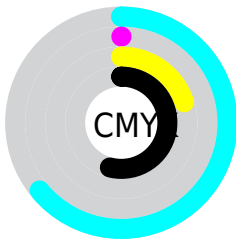
Distribution



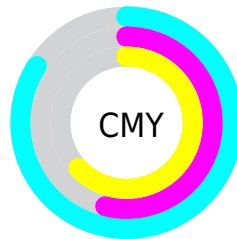
- Red (16%)
- Green (46%)
- Blue (37%)



- Red (16%)
- Yellow (34%)
- Blue (46%)



- Cyan (64%)
- Magenta (0%)
- Yellow (20%)
- Black (54%)



- Cyan (84%)
- Magenta (54%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.7588, -21.3869, 6.2641 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 37.7588, -21.3869, 6.2641 by changing the saturation by 10% instead.

37.7588, -21.3869,
6.2641

37.7588, -21.3869,
6.2641

147.9287,
-40.6307, 14.9385

28.8101, -18.8319,
5.3671

57.9188, -26.0899,
8.0826

20.7066, -16.0629,
4.4675

69.0253, -28.3041,
9.0111

13.5489, -12.9718,
3.5491

80.7631, -30.4545,
9.9552

7.1365, -12.4889,
4.1044

93.0997, -32.5549,
10.9162

0.0000, NaN, NaN

0.0000, NaN, NaN

106.0075,
-34.6156, 11.8947

0.0000, NaN, NaN

119.4621,

0.0000, NaN, NaN

-36.6445, 12.8911

0.0000, NaN, NaN

133.4422,
-38.6479, 13.9056

■ 37.7588, -21.3869,
6.2641

■ 37.7588, -21.3869,
6.2641

■ 37.3889, -23.0496,
7.1991

■ 38.2268, -19.3559,
5.3984

■ 37.1088, -24.3540,
8.1876

■ 38.7948, -16.9562,
4.6132

■ 36.9077, -25.3373,
9.2102

■ 39.4659, -14.1984,
3.9191

■ 36.8069, -25.8380,
9.7714

■ 40.2410, -11.1007,
3.3238

■ 41.1197, -7.6871,
2.8324

■ 42.1004, -3.9855,
2.4478

■ 43.1807, -0.0261,
2.1709

■ 44.3577, 4.1603,
2.0004

■ 45.6276, 8.5437,
1.9337

Harmonies

Analogous

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



37.7595, -17.1160, 13.6871



37.7588, -21.3869, 6.2641



37.7595, -20.9465, -4.9929

Triad

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



37.7595, -21.3872, 6.2645



37.7595, 5.0176, -24.1496



37.7595, 14.1199, 14.6061

Complementary

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



37.7588, -21.3869, 6.2641



24.2923, 25.7000, 2.8376

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.



37.7595, 21.5801, 7.9620



37.7588, -21.3869, 6.2641



37.7595, 15.9055, -15.1037

Square

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



37.7595, -21.3872, 6.2645



37.7595, -6.6095, -25.0189



37.7595, 22.2703, -2.7021



37.7595, 2.8065, 17.4370

Rectangle

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



37.7588, -21.3869, 6.2641



37.7595, -18.0357, -13.3388



37.7595, 22.2703, -2.7021



37.7595, 17.2174, 12.8551

Sweetspot

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



37.7595, -21.3872, 6.2645



53.9170, -12.5370, 4.0684



37.7958, -22.9386, 19.4515



25.7277, -6.4997, 2.0237



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



37.7595, -21.3872, 6.2645



49.3957, -31.4013, 10.1298



34.2269, -12.0096, -8.8111



20.3385, -2.7996, 1.2761



38.2800, -26.8927, 10.2069



84.4089, -59.9481, 23.9069

Inverse Universe

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



24.2923, 25.7000, 2.8376



29.0837, 40.7119, 5.9975



26.1553, 17.7008, 11.4607



19.2825, 0.7585, 0.9211



20.7630, 36.2518, 8.0330



45.6824, 79.4657, 19.9600

Previews

White Background



This preview shows how the HunterLab color 37.7588, -21.3869, 6.2641 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 × Fail

Black Background



This preview shows how the HunterLab color 37.7588, -21.3869, 6.2641 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

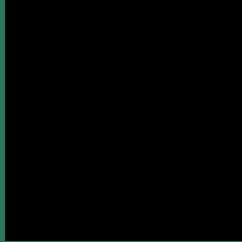
Any Text WCAG AA × Fail

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 37.7588, -21.3869, 6.2641 Background



This preview shows how black text looks on a background with the HunterLab color 37.7588, -21.3869, 6.2641.



This preview shows how white text looks on a background with the HunterLab color 37.7588,

-21.3869, 6.2641.

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

37.7588, -21.3869, 6.2641

Protanopia

37.6441, -2.6815, 8.9475

Deuteranopia

37.4710, 2.6870, 4.8527



Tritanopia

37.7478, -13.5043, -6.4094

Trichromacy



Original Color

37.7588, -21.3869, 6.2641

Protanomaly

37.2404, -11.2036, 7.3512

Deuteranomaly

36.8132, -8.0227, 4.3294

Tritanomaly

37.5625, -16.4518, -1.3384

Monochromacy



Original Color

37.7588, -21.3869, 6.2641

Achromatopsia

33.0850, -1.7653, 1.7976

Achromatomaly

34.2767, -10.2451, 3.0286

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.7588, -21.3869, 6.2641 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(42, 118, 94)` looks like.

```
.text, #text, p{  
    color:rgb(42, 118, 94)  
}
```

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(42, 118, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 118, 94) }
```

Border

The CSS property to change the border of an element to HunterLab 37.7588, -21.3869, 6.2641 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(42, 118, 94) }
```


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

```
.border{ border-color:rgb(42, 118, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 118, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 118, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 118, 94);  
box-shadow:4px 4px 4px 4px rgb(42, 118,  
94) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.7588, -21.3869, 6.2641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 118, 94) }
```

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

```
.background{ background-color: rgb(42, 118,  
94) }
```

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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