

Converting Colors

HunterLab(35.7824, -20.3449,
6.7288)

Have a look what the booklet for
HunterLab(35.7824, -20.3449,
6.7288) contains.

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Color

**HunterLab(35.7333,
-20.2262, 6.7036)**

Conversions

Conversions Part 1

Format	Color
Hex	2A7057
RGB	42, 112, 87
RGB Percent	16%, 44%, 34%
CMY	0.8353, 0.5608, 0.6588
CMYK	0.62, 0.00, 0.22, 0.56
HSL	159°, 45%, 30%
HSV	159°, 62%, 44%
XYZ	8.4693, 12.7687, 11.0350
YIQ	88.2200, -33.6950, -22.6150

Conversions

Conversions Part 2

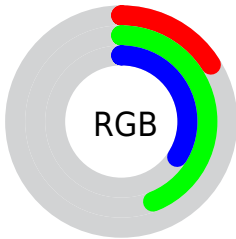
Format	Color
RYB	42, 85, 112
Decimal	2781271
CIELab	42.41, -28.45, 7.47
CIElCh	42, 29.416, 165.299
Yxy	12.7692, 0.2624, 0.3956
Android (android.graphics.Color)	4280971351 (0xFF2A7057)
YUV	88.2200, -0.6015, -40.5349
Hunter-Lab	35.7333, -20.2262, 6.7036

Details

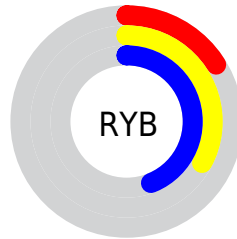
The HunterLab color **35.7333, -20.2262, 6.7036** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **23.4654, 23.7742, 1.4569**, and the grayscale version is **31.3316, -1.6718, 1.7023**.

A 20% lighter version of the original color is **55.4887, -24.6930, 8.4714**, and **19.2930, -13.4504, 4.9211** is the 20% darker color. If you saturate the color by 10%, you get **35.3575, -21.9180, 7.6804**, and if you desaturate by 10%, it is **36.2029, -18.1833, 5.7800**.

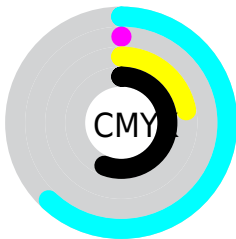
Distribution



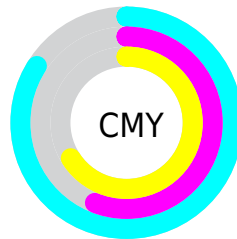
- Red (16%)
- Green (44%)
- Blue (34%)



- Red (16%)
- Yellow (33%)
- Blue (44%)



- Cyan (62%)
- Magenta (0%)
- Yellow (22%)
- Black (56%)



- Cyan (84%)
- Magenta (56%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 35.7333, -20.2262, 6.7036 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 35.7333, -20.2262, 6.7036 by changing the saturation by 10% instead.

35.7333, -20.2262,
6.7036

35.7333, -20.2262,
6.7036

144.7180,
-39.0550, 15.8178

26.9626, -17.7161,
5.7325

55.5774, -24.8331,
8.6464

19.0562, -14.9849,
4.7459

66.5411, -26.9991,
9.6290

12.1227, -12.2092,
3.7200

78.1438, -29.1020,
10.6232

5.1689, -9.0456,
3.6183

90.3519, -31.1558,
11.6311

0.0000, NaN, NaN

0.0000, NaN, NaN

103.1370,
-33.1708, 12.6538

0.0000, NaN, NaN

116.4739,

0.0000, NaN, NaN

-35.1551, 13.6922

0.0000, NaN, NaN

130.3408,
-37.1148, 14.7467

■ 35.7333, -20.2262,
6.7036

■ 35.7333, -20.2262,
6.7036

■ 35.3575, -21.9180,
7.6804

■ 36.2029, -18.1833,
5.7800

■ 35.0683, -23.2646,
8.6952

■ 36.7676, -15.7920,
4.9207

■ 34.8583, -24.2886,
9.7321

■ 37.4299, -13.0650,
4.1362

■ 34.7227, -24.9643,
10.4904

■ 38.1901, -10.0215,
3.4348

■ 39.0477, -6.6858,
2.8222

■ 40.0008, -3.0854,
2.3023

■ 41.0471, 0.7506,
1.8767

■ 42.1834, 4.7931,
1.5455

■ 43.4063, 9.0137,
1.3071

Harmonies

Analogous

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



35.7340, -15.7924, 13.4423



35.7333, -20.2262, 6.7036



35.7340, -20.1814, -3.8098

Triad

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



35.7340, -20.2265, 6.7040



35.7340, 3.8725, -23.5605



35.7340, 14.2999, 13.5361

Complementary

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



35.7333, -20.2262, 6.7036



23.4654, 23.7742, 1.4569

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.



35.7340, 20.9835, 6.8780



35.7333, -20.2262, 6.7036



35.7340, 14.4835, -15.3943

Square

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



35.7340, -20.2265, 6.7040



35.7340, -7.1428, -23.6502



35.7340, 21.0546, -3.5742



35.7340, 3.6453, 16.4933

Rectangle

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



35.7333, -20.2262, 6.7036



35.7340, -17.6497, -11.8171



35.7340, 21.0546, -3.5742



35.7340, 17.1397, 11.7648

Sweetspot

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



35.7340, -20.2265, 6.7040



50.9449, -11.9949, 4.2962



36.0181, -20.5442, 18.2284



24.8493, -6.3554, 2.1997



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

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



35.7340, -20.2265, 6.7040



46.6780, -29.9028, 10.7752



33.6108, -12.6309, -6.5523



19.4831, -2.6997, 1.3014



37.3274, -26.8776, 11.3651



83.2101, -60.6121, 26.8387

Inverse Universe

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



23.4654, 23.7742, 1.4569



28.0100, 38.0295, 3.7314



24.5135, 17.5309, 10.1135



18.4915, 0.7417, 0.8027



20.3847, 35.7580, 6.5937



45.3301, 79.1960, 17.1451

Previews

White Background



This preview shows how the HunterLab color 35.7333, -20.2262, 6.7036 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 35.7333, -20.2262, 6.7036 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 35.7333, -20.2262, 6.7036 Background



This preview shows how black text looks on a background with the HunterLab color 35.7333, -20.2262, 6.7036.



This preview shows how white text looks on a background with the HunterLab color 35.7333, -20.2262, 6.7036.

-20.2262, 6.7036.

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

35.7333, -20.2262, 6.7036

Protanopia

35.4710, -2.2360, 8.8060

Deuteranopia

35.5171, 2.3676, 5.7797



Tritanopia

35.7300, -12.3616, -6.1266

Trichromacy



Original Color

35.7333, -20.2262, 6.7036

Protanomaly

35.1627, -10.3701, 7.6867

Deuteranomaly

35.0004, -7.7775, 5.4207

Tritanomaly

35.5399, -15.3007, -1.1162

Monochromacy



Original Color

35.7333, -20.2262, 6.7036

Achromatopsia

31.2390, -1.6668, 1.6973

Achromatomaly

32.5478, -9.6038, 3.0694

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 35.7333, -20.2262, 6.7036 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, 112, 87)` looks like.

```
.text, #text, p{  
    color:rgb(42, 112, 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(42, 112, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 112, 87) }
```

Border

The CSS property to change the border of an element to HunterLab 35.7333, -20.2262, 6.7036 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, 112, 87) }
```


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

```
.border{ border-color:rgb(42, 112, 87) }
```

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

Here you see how a box with a 4 pixel rgb(42, 112, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 112, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 112, 87);  
box-shadow:4px 4px 4px 4px rgb(42, 112,  
87) }
```

Background

The CSS property to change the background color of an element to HunterLab 35.7333, -20.2262, 6.7036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 112, 87) }
```

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

```
.background{ background-color: rgb(42, 112,  
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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