

Converting Colors

HunterLab(30.5674, 17.0894,
-56.3144)

Have a look what the booklet for
HunterLab(30.5674, 17.0894,
-56.3144) contains.

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Color

**HunterLab(30.5130, 17.3100,
-56.7338)**

Conversions

Conversions Part 1

Format	Color
Hex	3E4DAC
RGB	62, 77, 172
RGB Percent	24%, 30%, 67%
CMY	0.7568, 0.6980, 0.3255
CMYK	0.64, 0.55, 0.00, 0.33
HSL	232°, 47%, 46%
HSV	232°, 64%, 67%
XYZ	12.0869, 9.3104, 40.1897
YIQ	83.3450, -39.4350, 26.3650

Conversions

Conversions Part 2

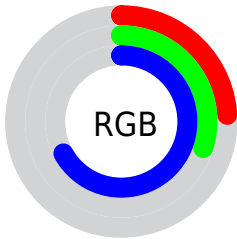
Format	Color
R _Y B	62, 75, 172
Decimal	4083116
CIE Lab	36.58, 24.82, -52.82
CIE LCh	37, 58.359, 295.170
Yxy	9.3107, 0.1963, 0.1512
Android (android.graphics.Color)	4282273196 (0xFF3E4DAC)
YUV	83.3450, 43.7069, -18.7196
Hunter-Lab	30.5130, 17.3100, -56.7338

Details

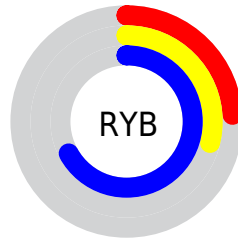
The HunterLab color **30.5130, 17.3100, -56.7338** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **57.6494, -8.1801, 30.6921**, and the grayscale version is **29.3935, -1.5684, 1.5970**.

A 20% lighter version of the original color is **49.5864, 18.8759, -56.8769**, and **15.7352, 16.7254, -55.7730** is the 20% darker color. If you saturate the color by 10%, you get **26.4445, 22.9137, -70.8111**, and if you desaturate by 10%, it is **35.0414, 12.5540, -44.2264**.

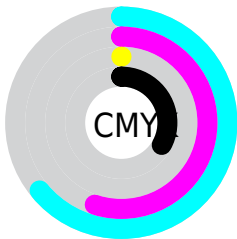
Distribution



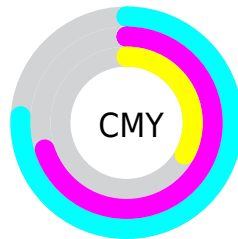
- Red (24%)
- Green (30%)
- Blue (67%)



- Red (24%)
- Yellow (29%)
- Blue (67%)



- Cyan (64%)
- Magenta (55%)
- Yellow (0%)
- Black (33%)



- Cyan (76%)
- Magenta (70%)
- Yellow (33%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.5130, 17.3100, -56.7338 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 30.5130, 17.3100, -56.7338 by changing the saturation by 10% instead.

■ 30.5130, 17.3100, -56.7338	■ 30.5130, 17.3100, -56.7338
136.2641, 21.8793, -62.3426	■ 22.2360, 16.2827, -57.4189
■ 49.4880, 18.9691, -57.2417	■ 14.8818, 15.1004, -59.7731
■ 60.0609, 19.6303, -57.8731	■ 8.5321, 14.0467, -67.0568
■ 71.2950, 20.1961, -58.5986	0.0000, INF, -NF
■ 83.1534, 20.6762, -59.3639	0.0000, NaN, -NF
■ 95.6049, 21.0785, -60.1370	0.0000, NaN, -NF
108.6225, 21.4095,	0.0000, NaN, NaN

-60.8984

0.0000, NaN, NaN

122.1825, 21.6749,
-61.6361

■ 30.5130, 17.3100,
-56.7338

■ 30.5130, 17.3100,
-56.7338

■ 26.4445, 22.9137,
-70.8111

■ 35.0414, 12.5540,
-44.2264

■ 22.9700, 29.2968,
-86.0770

■ 39.9283, 8.5417,
-33.2028

■ 20.2541, 35.9846,
-101.1419

■ 45.1026, 5.1353,
-23.4252

■ 18.9981, 39.6807,
-109.4051

■ 50.5131, 2.2077,
-14.6469

■ 56.1227, -0.3448,
-6.6561

■ 61.9037, -2.6025,
0.7172

■ 67.8351, -4.6270,
7.6053

■ 73.9006, -6.4653,
14.1105

■ 80.0871, -8.1536,
20.3120

Harmonies

Analogous

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



30.5134, -4.9251, -65.7706



30.5130, 17.3100, -56.7338



30.5134, 38.6283, -29.0385

Triad

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



30.5134, 17.3108, -56.7329



30.5134, 24.7377, 19.2941



30.5134, -32.1306, 4.6941

Complementary

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



30.5130, 17.3100, -56.7338



57.6494, -8.1801, 30.6921

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.



30.5134, -28.0085, 16.3799



30.5130, 17.3100, -56.7338



30.5134, 1.8117, 20.6924

Square

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



30.5134, 17.3108, -56.7329



30.5134, 43.6594, 13.8157



30.5134, -16.8445, 19.9679



30.5134, -30.0459, -19.3547

Rectangle

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



30.5130, 17.3100, -56.7338



30.5134, 47.4559, -9.7701



30.5134, -16.8445, 19.9679



30.5134, -31.4660, 9.8825

Sweetspot

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



30.5134, 17.3108, -56.7329



71.4881, 1.3332, -14.6501



57.3698, -29.7743, 2.5529



32.3558, 1.0755, -8.2407



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



30.5134, 17.3108, -56.7329



33.4336, 34.5622, -104.3576



30.2699, 32.4207, -57.2287



28.1545, -0.6825, -1.5165



16.5378, 33.6668, -93.3479



3.5997, 3.0286, -11.0372

Inverse Universe

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



35.7105, 37.8562, 11.0101



43.4086, 61.1775, 18.6864



59.0598, -26.6633, 31.3495



28.3416, 1.0901, 1.9237



25.6498, 44.1302, 14.9926



4.3408, 7.5917, 1.5806

Previews

White Background



This preview shows how the HunterLab color 30.5130, 17.3100, -56.7338 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 30.5130, 17.3100, -56.7338 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

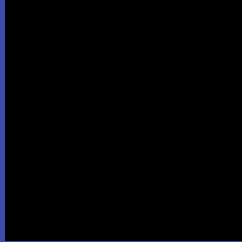
Any Text WCAG AA × Fail

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 30.5130, 17.3100, -56.7338 Background



This preview shows how black text looks on a background with the HunterLab color 30.5130, 17.3100, -56.7338.



This preview shows how white text looks on a background with the HunterLab color 30.5130, 17.3100, -56.7338.

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

30.5130, 17.3100, -56.7338

Protanopia

30.5305, 10.4736, -60.7699

Deuteranopia

30.4080, 0.5405, -39.1741



Tritanopia

30.4833, -13.5866, -6.4124

Trichromacy



Original Color

30.5130, 17.3100, -56.7338

Protanomaly

30.2691, 12.0957, -60.5791

Deuteranomaly

30.0433, 5.5413, -46.1225

Tritanomaly

29.7960, -3.9435, -22.3460

Monochromacy



Original Color

30.5130, 17.3100, -56.7338

Achromatopsia

29.4110, -1.5693, 1.5980

Achromatomaly

29.3573, 2.9736, -14.6153

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.5130, 17.3100, -56.7338 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(62, 77, 172)` looks like.

```
.text, #text, p{  
    color:rgb(62, 77, 172)  
}
```

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(62, 77, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 77, 172) }
```

Border

The CSS property to change the border of an element to HunterLab 30.5130, 17.3100, -56.7338 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(62, 77, 172) }
```


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

```
.border{ border-color:rgb(62, 77, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 77, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 77, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 77, 172);  
box-shadow:4px 4px 4px 4px rgb(62, 77,  
172) }
```

Background

The CSS property to change the background color of an element to HunterLab 30.5130, 17.3100, -56.7338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 77, 172) }
```

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

```
.background{ background-color: rgb(62, 77,  
172) }
```

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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