

Converting Colors

HunterLab(18.5464, 30.6978,
-77.4679)

Have a look what the booklet for
HunterLab(18.5464, 30.6978,
-77.4679) contains.

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Color

**HunterLab(18.6010, 30.5197,
-77.3068)**

Conversions

Conversions Part 1

Format	Color
Hex	251E94
RGB	37, 30, 148
RGB Percent	15%, 12%, 58%
CMY	0.8549, 0.8824, 0.4196
CMYK	0.75, 0.80, 0.00, 0.42
HSL	244°, 66%, 35%
HSV	244°, 80%, 58%
XYZ	6.5725, 3.4600, 28.3384
YIQ	45.5450, -33.7060, 38.1820

Conversions

Conversions Part 2

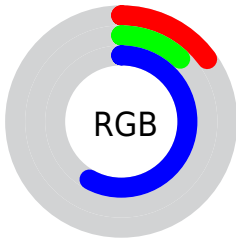
Format	Color
R_{YB}	37, 30, 148
Decimal	2432660
CIE _{Lab}	21.80, 42.30, -62.52
CIE _{LCh}	22, 75.488, 304.081
Yxy	3.4600, 0.1713, 0.0902
Android (android.graphics.Color)	4280622740 (0xFF251E94)
YUV	45.5450, 50.5103, -7.4940
Hunter-Lab	18.6010, 30.5197, -77.3068

Details

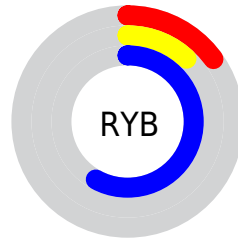
The HunterLab color **18.6010, 30.5197, -77.3068** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **51.8994, -15.8216, 30.3001**, and the grayscale version is **16.2258, -0.8658, 0.8816**.

A 20% lighter version of the original color is **35.1941, 33.7625, -72.9055**, and **9.1898, 24.9274, -65.2976** is the 20% darker color. If you saturate the color by 10%, you get **16.3358, 35.6003, -90.9975**, and if you desaturate by 10%, it is **21.6829, 24.9304, -62.8130**.

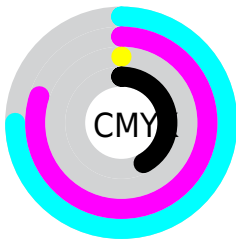
Distribution



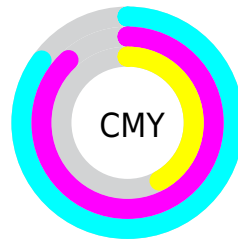
- Red (15%)
- Green (12%)
- Blue (58%)



- Red (15%)
- Yellow (12%)
- Blue (58%)



- Cyan (75%)
- Magenta (80%)
- Yellow (0%)
- Black (42%)



- Cyan (85%)
- Magenta (88%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.6010, 30.5197, -77.3068 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 18.6010, 30.5197, -77.3068 by changing the saturation by 10% instead.

■ 18.6010, 30.5197,
-77.3068

■ 18.6010, 30.5197,
-77.3068

■ 115.6394, 42.5809,
-76.9907

■ 11.7318, 28.7708,
-84.4726

■ 35.1720, 33.9703,
-73.2420

■ 4.4632, 43.4651,
-143.2979

■ 44.6839, 35.5288,
-73.0240

0.0000, INF, -NF

0.0000, NaN, -NF

■ 54.9259, 36.9665,
-73.2939

0.0000, NaN, -NF

■ 65.8491, 38.2889,
-73.8380

0.0000, NaN, NaN

■ 77.4135, 39.5040,
-74.5376

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 89.5854, 40.6196,

-75.3226

0.0000, NaN, NaN

102.3357, 41.6430,
-76.1495

18.6010, 30.5197,
-77.3068

18.6010, 30.5197,
-77.3068

16.3358, 35.6003,
-90.9975

21.6829, 24.9304,
-62.8130

14.8523, 39.6810,
-101.9967

25.3901, 19.6148,
-49.4358

14.8150, 39.8029,
-102.2988

29.5659, 14.8283,
-37.7061

34.0983, 10.5650,
-27.5198

38.9104, 6.7389,
-18.5969

■ 43.9489, 3.2559,
-10.6588

■ 49.1763, 0.0363,
-3.4762

■ 54.5655, -2.9826,
3.1279

■ 60.0960, -5.8486,
9.2872

Harmonies

Analogous

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



18.6011, 2.2327, -107.2172



18.6010, 30.5197, -77.3068



18.6011, 57.1838, -28.0187

Triad

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



18.6011, 30.5214, -77.3064



18.6011, 22.3245, 13.0208



18.6011, -28.1792, -2.2090

Complementary

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



18.6010, 30.5197, -77.3068



51.8994, -15.8216, 30.3001

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.



18.6011, -26.4454, 11.9980



18.6010, 30.5197, -77.3068



18.6011, -4.0138, 13.0208

Square

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



18.6011, 30.5214, -77.3064



18.6011, 51.0623, 13.0208



18.6011, -19.7446, 13.0208



18.6011, -25.1868, -40.8315

Rectangle

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



18.6010, 30.5197, -77.3068



18.6011, 65.8340, -3.8246



18.6011, -19.7446, 13.0208



18.6011, -28.1298, 4.8218

Sweetspot

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



18.6011, 30.5214, -77.3064



55.1666, 6.4721, -19.0228



46.6797, -22.1562, -7.2098



25.3226, 3.8198, -10.7516



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

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



18.6011, 30.5214, -77.3064



20.1809, 51.1389, -131.9043



23.4394, 39.0824, -55.7416



23.7664, -0.0614, -1.4963



13.7080, 36.7978, -94.4161



1.6206, 4.1546, -9.6447

Inverse Universe

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



30.2443, 50.2621, -29.8765



38.1893, 72.9480, -42.5146



48.0802, -30.6788, 27.5752



24.2967, 1.7121, -0.5977



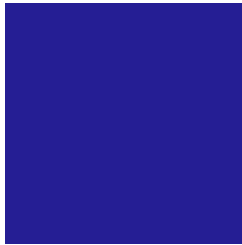
26.4132, 51.2865, -29.8547



2.9470, 5.7602, -3.6261

Previews

White Background



This preview shows how the HunterLab color 18.6010, 30.5197, -77.3068 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 18.6010, 30.5197, -77.3068 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

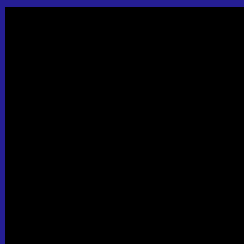
Any Text WCAG AA × Fail

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 18.6010, 30.5197, -77.3068 Background



This preview shows how black text looks on a background with the HunterLab color 18.6010, 30.5197, -77.3068.



This preview shows how white text looks on a background with the HunterLab color 18.6010, 30.5197, -77.3068.

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

18.6010, 30.5197, -77.3068

Protanopia

18.5181, 4.5856, -33.0449

Deuteranopia

18.4219, -1.1591, -20.5235



Tritanopia

18.6433, -9.3266, -3.1690

Trichromacy



Original Color

18.6010, 30.5197, -77.3068

Protanomaly

17.9401, 13.8039, -49.5546

Deuteranomaly

17.6980, 9.6645, -40.2798

Tritanomaly

17.2910, 2.7620, -24.8070

Monochromacy



Original Color

18.6010, 30.5197, -77.3068

Achromatopsia

16.5290, -0.8819, 0.8981

Achromatomaly

16.2963, 7.8070, -19.5955

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.6010, 30.5197, -77.3068 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, 30, 148)` looks like.

```
.text, #text, p{  
    color:rgb(37, 30, 148)  
}
```

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, 30, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 30, 148) }
```

Border

The CSS property to change the border of an element to HunterLab 18.6010, 30.5197, -77.3068 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, 30, 148) }
```


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

```
.border{ border-color:rgb(37, 30, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 30, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 30, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 30, 148);  
box-shadow:4px 4px 4px 4px rgb(37, 30,  
148) }
```

Background

The CSS property to change the background color of an element to HunterLab 18.6010, 30.5197, -77.3068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 30, 148) }
```

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

```
.background{ background-color: rgb(37, 30,  
148) }
```

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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