

Converting Colors

HunterLab(18.6700, 24.8141,
-76.9024)

Have a look what the booklet for
HunterLab(18.6700, 24.8141,
-76.9024) contains.

HunterLab(18.6044, 25.0750, -77.3836)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(18.6044, 25.0750,
-77.3836)**

Conversions

Conversions Part 1

Format	Color
Hex	002594
RGB	0, 37, 148
RGB Percent	0%, 15%, 58%
CMY	0.9999, 0.8549, 0.4196
CMYK	1.00, 0.75, 0.00, 0.42
HSL	225°, 100%, 29%
HSV	225°, 100%, 58%
XYZ	6.0068, 3.4612, 28.3684
YIQ	38.5910, -57.6830, 26.6770

Conversions

Conversions Part 2

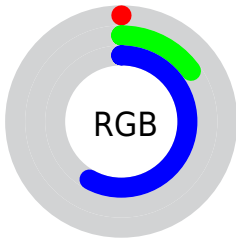
Format	Color
RYB	0, 30, 148
Decimal	9620
CIELab	21.80, 36.22, -62.56
CIELCh	22, 72.286, 300.067
Yxy	3.4613, 0.1588, 0.0915
Android (android.graphics.Color)	4278199700 (0xFF002594)
YUV	38.5910, 53.9386, -33.8443
Hunter-Lab	18.6044, 25.0750, -77.3836

Details

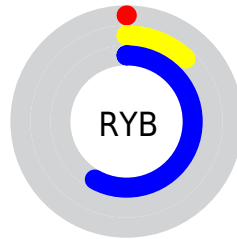
The HunterLab color **18.6044, 25.0750, -77.3836** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **42.0360, 2.4470, 25.9443**, and the grayscale version is **13.9592, -0.7448, 0.7584**.

A 20% lighter version of the original color is **35.1067, 28.2260, -73.2932**, and **9.1898, 24.9274, -65.2976** is the 20% darker color. If you saturate the color by 10%, you get **18.6013, 25.0847, -77.4007**, and if you desaturate by 10%, it is **20.8813, 19.8807, -66.3361**.

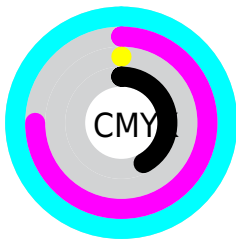
Distribution



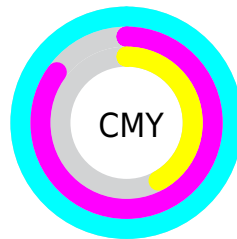
- Red (0%)
- Green (15%)
- Blue (58%)



- Red (0%)
- Yellow (12%)
- Blue (58%)



- Cyan (100%)
- Magenta (75%)
- Yellow (0%)
- Black (42%)



- Cyan (100%)
- Magenta (85%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.6044, 25.0750, -77.3836 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 18.6044, 25.0750, -77.3836 by changing the saturation by 10% instead.

■ 18.6044, 25.0750,
-77.3836

■ 18.6044, 25.0750,
-77.3836

■ 115.6456, 35.1202,
-77.0534

■ 11.7347, 23.4264,
-84.5613

■ 35.1762, 28.1121,
-73.3091

■ 4.4688, 35.9539,
-143.3206

■ 44.6884, 29.4363,
-73.0889

0.0000, INF, -NF

0.0000, NaN, -NF

■ 54.9307, 30.6372,
-73.3575

0.0000, NaN, -NF

■ 65.8543, 31.7247,
-73.9009

0.0000, NaN, NaN

■ 77.4190, 32.7085,
-74.6001

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 89.5911, 33.5974,

-75.3850

0.0000, NaN, NaN

102.3417, 34.3991,
-76.2120

18.6044, 25.0750,
-77.3836

18.6044, 25.0750,
-77.3836

18.6013, 25.0847,
-77.4007

20.8813, 19.8807,
-66.3361

23.5737, 15.1128,
-55.6746

26.6485, 11.0475,
-45.7208

30.0334, 7.6766,
-36.6685

33.6710, 4.9157,
-28.5001

■ 37.5172, 2.6635,
-21.1120

■ 41.5384, 0.8265,
-14.3800

■ 45.7092, -0.6740,
-8.1872

■ 50.0100, -1.9012,
-2.4333

Harmonies

Analogous

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



18.6045, -0.9444, -99.6485



18.6044, 25.0750, -77.3836



18.6045, 51.1990, -31.9967

Triad

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



18.6045, 25.0769, -77.3834



18.6045, 24.9495, 13.0232



18.6045, -27.4763, 0.9658

Complementary

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



18.6044, 25.0750, -77.3836



42.0360, 2.4470, 25.9443

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.



18.6045, -25.2180, 12.6838



18.6044, 25.0750, -77.3836



18.6045, -1.0429, 13.0232

Square

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



18.6045, 25.0769, -77.3834



18.6045, 51.1045, 12.7165



18.6045, -17.7088, 13.0232



18.6045, -25.1981, -32.1929

Rectangle

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



18.6044, 25.0750, -77.3836



18.6045, 61.0981, -7.2829



18.6045, -17.7088, 13.0232



18.6045, -27.2225, 6.6710

Sweetspot

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



18.6045, 25.0769, -77.3834



54.8424, 1.2339, -19.6284



47.2523, -31.8460, 9.6869



25.2158, 1.0135, -10.9784



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.



18.6045, 25.0769, -77.3834



24.2264, 34.8188, -105.4448



15.9130, 40.6795, -93.8704



24.1961, -0.9549, -0.9606



17.3025, 22.8448, -70.9420



2.7871, 0.4732, -4.5052

Inverse Universe

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



25.3574, 43.9470, 12.3024



33.6459, 58.2487, 16.8649



49.5578, -24.9677, 30.0994



24.1614, 0.9858, 1.3267



23.4426, 40.6490, 11.2510



2.6722, 4.7852, 0.1065

Previews

White Background



This preview shows how the HunterLab color 18.6044, 25.0750, -77.3836 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 18.6044, 25.0750, -77.3836 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

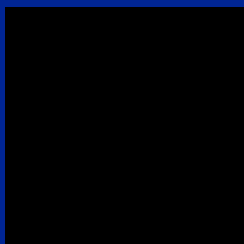
Any Text WCAG AA × Fail

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 18.6044, 25.0750, -77.3836 Background



This preview shows how black text looks on a background with the HunterLab color 18.6044, 25.0750, -77.3836.



This preview shows how white text looks on a background with the HunterLab color 18.6044, 25.0750, -77.3836.

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

18.6044, 25.0750, -77.3836

Protanopia

18.5752, 4.8806, -33.7532

Deuteranopia

18.7219, -1.3196, -20.5522



Tritanopia

18.6433, -9.3266, -3.1690

Trichromacy



Original Color

18.6044, 25.0750, -77.3836

Protanomaly

18.3958, 11.9782, -48.8507

Deuteranomaly

18.1211, 7.5081, -38.8576

Tritanomaly

17.7707, 0.6385, -23.5901

Monochromacy



Original Color

18.6044, 25.0750, -77.3836

Achromatopsia

14.2438, -0.7600, 0.7739

Achromatomaly

14.6881, 4.7418, -20.7254

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.6044, 25.0750, -77.3836 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(0, 37, 148)` looks like.

```
.text, #text, p{  
    color:rgb(0, 37, 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(0, 37, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 37, 148) }
```

Border

The CSS property to change the border of an element to HunterLab 18.6044, 25.0750, -77.3836 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(0, 37, 148) }
```


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

```
.border{ border-color:rgb(0, 37, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 37, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 37, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 37, 148);  
box-shadow:4px 4px 4px 4px rgb(0, 37, 148)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.6044, 25.0750, -77.3836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 37, 148) }
```

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

```
.background{ background-color: rgb(0, 37,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor