

Converting Colors

HunterLab(18.6328, 25.5684,
-37.7837)

Have a look what the booklet for
HunterLab(18.6328, 25.5684,
-37.7837) contains.

| | |
|--|----|
| HunterLab(18.6021, 25.4372, -37.8861) | 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> | 30 |

Color

**HunterLab(18.6021, 25.4372,
-37.8861)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 471E71 |
| RGB | 71, 30, 113 |
| RGB Percent | 28%, 12%, 44% |
| CMY | 0.7216, 0.8824, 0.5569 |
| CMYK | 0.37, 0.73, 0.00, 0.56 |
| HSL | 270°, 58%, 28% |
| HSV | 270°, 73%, 44% |
| XYZ | 6.0434, 3.4604, 15.9721 |
| YIQ | 51.7210, -2.2070, 34.5050 |

Conversions

Conversions Part 2

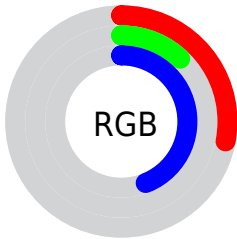
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 71, 30, 113 |
| Decimal | 4660849 |
| CIE _{Lab} | 21.80, 36.63, -40.30 |
| CIE _{LCh} | 22, 54.464, 312.267 |
| Yxy | 3.4605, 0.2372, 0.1358 |
| Android (android.graphics.Color) | 4282850929 (0xFF471E71) |
| YUV | 51.7210, 30.2105, 16.9077 |
| Hunter-Lab | 18.6021, 25.4372, -37.8861 |

Details

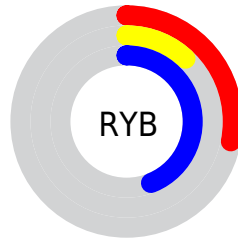
The HunterLab color **18.6021, 25.4372, -37.8861** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **36.4440, -20.6172, 20.0974**, and the grayscale version is **18.3395, -0.9786, 0.9964**.

A 20% lighter version of the original color is **35.2320, 28.4033, -38.5040**, and **7.4318, 17.7079, -33.8069** is the 20% darker color. If you saturate the color by 10%, you get **16.6777, 28.6877, -44.7607**, and if you desaturate by 10%, it is **20.8930, 21.7216, -31.0800**.

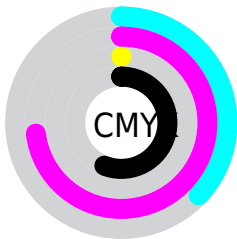
Distribution



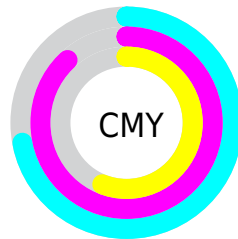
- Red (28%)
- Green (12%)
- Blue (44%)



- Red (28%)
- Yellow (12%)
- Blue (44%)



- Cyan (37%)
- Magenta (73%)
- Yellow (0%)
- Black (56%)



- Cyan (72%)
- Magenta (88%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.6021, 25.4372, -37.8861 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 18.6021, 25.4372, -37.8861 by changing the saturation by 10% instead.

■ 18.6021, 25.4372,
-37.8861

■ 18.6021, 25.4372,
-37.8861

■ 115.6418, 35.6239,
-42.6215

■ 11.7329, 23.7775,
-39.0372

■ 35.1736, 28.5033,
-38.2799

■ 4.4653, 36.4646,
-61.5440

■ 44.6856, 29.8443,
-38.8761

0.0000, INF, -NF

■ 54.9277, 31.0619,
-39.5391

0.0000, NaN, -NF

■ 65.8511, 32.1659,
-40.2136

0.0000, NaN, NaN

■ 77.4156, 33.1659,
-40.8711

0.0000, NaN, NaN

■ 89.5876, 34.0706,

0.0000, NaN, NaN

-41.4964

0.0000, NaN, NaN

102.3380, 34.8877,
-42.0813

18.6021, 25.4372,
-37.8861

18.6021, 25.4372,
-37.8861

16.6777, 28.6877,
-44.7607

20.8930, 21.7216,
-31.0800

15.1661, 31.1111,
-51.1854

23.4856, 17.8298,
-24.6564

14.2403, 32.7591,
-55.6976

26.3252, 13.9233,
-18.7207

29.3678, 10.0769,
-13.2678

32.5794, 6.3169,
-8.2456

■ 35.9338, 2.6456,
-3.5887

■ 39.4110, -0.9455,
0.7654

■ 42.9954, -4.4683,
4.8717

■ 46.6746, -7.9352,
8.7763

Harmonies

Analogous

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



18.6024, 6.2195, -58.9695



18.6021, 25.4372, -37.8861



18.6024, 39.7679, -10.6897

Triad

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



18.6024, 25.4373, -37.8853



18.6024, 9.6611, 13.0217



18.6024, -22.9182, -6.5869

Complementary

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



18.6021, 25.4372, -37.8861



36.4440, -20.6172, 20.0974

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.



18.6024, -22.5596, 8.0466



18.6021, 25.4372, -37.8861



18.6024, -7.2516, 13.0217

Square

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



18.6024, 25.4373, -37.8853



18.6024, 28.6986, 12.8085



18.6024, -17.8531, 13.0217



18.6024, -19.0987, -32.7502

Rectangle

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



18.6021, 25.4372, -37.8861



18.6024, 42.3693, 2.1644



18.6024, -17.8531, 13.0217



18.6024, -23.2311, -0.2180

Sweetspot

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



18.6024, 25.4373, -37.8853



43.9765, 8.0249, -10.4786



24.9361, -1.4688, -21.8062



20.7299, 4.3324, -5.6547



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.



18.6024, 25.4373, -37.8853



20.8691, 40.7412, -65.9071



23.5382, 35.2363, -24.2309



18.3680, 0.5076, -0.7911



15.1278, 34.8466, -59.5239



32.9976, 76.9256, -136.9398

Inverse Universe

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



22.1521, 29.2750, -2.2462



27.1017, 44.7260, -0.6897



34.9304, -26.8073, 18.9697



18.5123, 0.8533, 0.5074



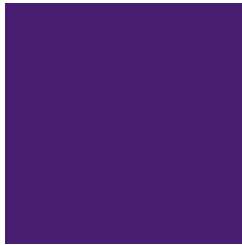
20.7737, 37.1790, 0.9937



46.1764, 82.2939, 4.9133

Previews

White Background



This preview shows how the HunterLab color 18.6021, 25.4372, -37.8861 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 18.6021, 25.4372, -37.8861 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

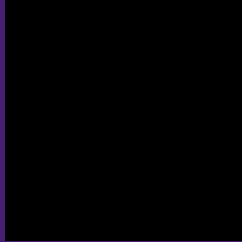
Any Text WCAG AA × Fail

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 18.6021, 25.4372, -37.8861 Background



This preview shows how black text looks on a background with the HunterLab color 18.6021, 25.4372, -37.8861.



This preview shows how white text looks on a background with the HunterLab color 18.6021, 25.4372, -37.8861.

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

18.6021, 25.4372, -37.8861

Protanopia

18.5752, 4.8806, -33.7532

Tritanopia

18.9032, 1.6413, 0.3401

Trichromacy



Original Color

18.6021, 25.4372, -37.8861

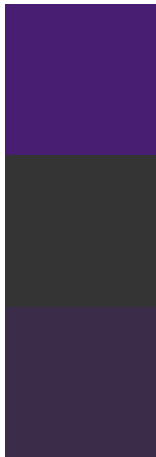
Protanomaly

17.5304, 11.1135, -38.8958

Tritanomaly

18.1833, 9.5889, -10.9225

Monochromacy



Original Color

18.6021, 25.4372, -37.8861

Achromatopsia

18.5310, -0.9888, 1.0068

Achromatomaly

17.9599, 7.7325, -10.1851

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.6021, 25.4372, -37.8861 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(71, 30, 113)` looks like.

```
.text, #text, p{  
    color:rgb(71, 30, 113)  
}
```

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(71, 30, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 30, 113) }
```

Border

The CSS property to change the border of an element to HunterLab 18.6021, 25.4372, -37.8861 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(71, 30, 113) }
```

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

```
.border{ border-color:rgb(71, 30, 113) }
```

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

Here you see how a box with a 4 pixel rgb(71, 30, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 30, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 30, 113);  
box-shadow:4px 4px 4px 4px rgb(71, 30,  
113) }
```


Background

The CSS property to change the background color of an element to HunterLab 18.6021, 25.4372, -37.8861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 30, 113) }
```

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

```
.background{ background-color: rgb(71, 30,  
113) }
```

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