

# Converting Colors

HunterLab(18.5378, 21.5725,  
-25.8957)

Have a look what the booklet for  
HunterLab(18.5378, 21.5725,  
-25.8957) contains.

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# Color

**HunterLab(18.5591, 21.5744,  
-25.8972)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4A2163
RGB	74, 33, 99
RGB Percent	29%, 13%, 39%
CMY	0.7098, 0.8706, 0.6118
CMYK	0.25, 0.67, 0.00, 0.61
HSL	277°, 50%, 26%
HSV	277°, 67%, 39%
XYZ	5.6200, 3.4444, 12.1730
YIQ	52.7830, 3.2500, 29.2180

# Conversions

## Conversions Part 2

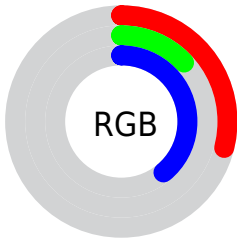
<b>Format</b>	<b>Color</b>
<b>RYB</b>	74, 33, 99
Decimal	4858211
CIELab	21.74, 32.11, -31.27
CIElCh	22, 44.822, 315.754
Yxy	3.4445, 0.2646, 0.1622
Android (android.graphics.Color)	4283048291 (0xFF4A2163)
YUV	52.7830, 22.7850, 18.6073
Hunter-Lab	18.5591, 21.5744, -25.8972

# Details

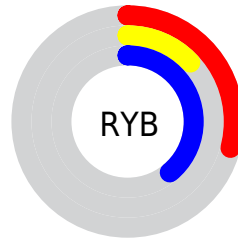
The HunterLab color  $[18.5591, 21.5744, -25.8972]$  is a dark color, and the websafe version is hex  $663366$ . A complement of this color would be  $[31.5168, -18.4464, 16.3906]$ , and the grayscale version is  $[18.7202, -0.9989, 1.0171]$ .

A 20% lighter version of the original color is  $[35.0704, 24.2934, -26.7454]$ , and  $[7.1354, 15.6942, -22.3236]$  is the 20% darker color. If you saturate the color by 10%, you get  $[16.8200, 24.7356, -30.8127]$ , and if you desaturate by 10%, it is  $[20.5686, 18.1052, -21.0357]$ .

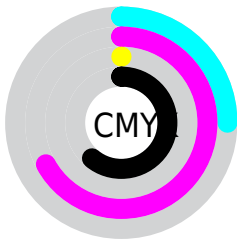
# Distribution



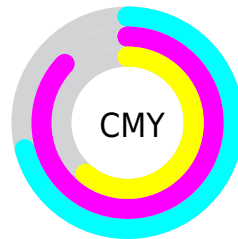
- Red (29%)
- Green (13%)
- Blue (39%)



- Red (29%)
- Yellow (13%)
- Blue (39%)



- Cyan (25%)
- Magenta (67%)
- Yellow (0%)
- Black (61%)



- Cyan (71%)
- Magenta (87%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.5591, 21.5744, -25.8972 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 18.5591, 21.5744, -25.8972 by changing the saturation by 10% instead.



■ 18.5591, 21.5744,  
-25.8972

■ 18.5591, 21.5744,  
-25.8972

■ 115.5628, 30.1658,  
-30.2163

■ 11.6961, 20.0355,  
-25.9676

■ 35.1205, 24.2873,  
-26.8700

■ 4.3926, 31.8744,  
-40.4240

■ 44.6281, 25.4410,  
-27.4639

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 54.8661, 26.4728,  
-28.0405

0.0000, NaN, NaN

■ 65.7856, 27.3943,  
-28.5782

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 77.3465, 28.2160,  
-29.0672

0.0000, NaN, NaN

■ 89.5150, 28.9469,

-29.5036

0.0000, NaN, NaN

102.2621, 29.5946,  
-29.8865

18.5591, 21.5744,  
-25.8972

18.5591, 21.5744,  
-25.8972

16.8200, 24.7356,  
-30.8127

20.5686, 18.1052,  
-21.0357

15.3936, 27.3218,  
-35.5023

22.8047, 14.5124,  
-16.3842

14.2166, 29.3872,  
-39.9555

25.2308, 10.9032,  
-12.0013

13.8164, 30.1810,  
-41.6142

27.8166, 7.3319,  
-7.8919

30.5377, 3.8212,  
-4.0346

■ 33.3751, 0.3763,  
-0.3981

■ 36.3134, -3.0061,  
3.0501

■ 39.3406, -6.3331,  
6.3402

■ 42.4469, -9.6129,  
9.4988

# Harmonies

## Analogous

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



18.5595, 6.6167, -42.1039



18.5591, 21.5744, -25.8972



18.5595, 31.5703, -6.1734

# Triad

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



18.5595, 21.5741, -25.8965



18.5595, 5.8575, 12.9916



18.5595, -19.9848, -7.0471

# Complementary

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



18.5591, 21.5744, -25.8972



31.5168, -18.4464, 16.3906

# 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.



18.5595, -20.0803, 6.1285



18.5591, 21.5744, -25.8972



18.5595, -7.5421, 12.9916

# Square

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



18.5595, 21.5741, -25.8965



18.5595, 20.8828, 11.7901



18.5595, -16.1975, 11.6039



18.5595, -15.8835, -26.9151



# Rectangle

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



18.5591, 21.5744, -25.8972



18.5595, 32.6508, 3.3249



18.5595, -16.1975, 11.6039



18.5595, -20.4363, -1.6472

# Sweetspot

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



18.5595, 21.5741, -25.8965



38.5857, 6.7903, -7.2205



20.6900, 1.8190, -21.0463



18.4835, 3.7338, -3.9848



72.2857, -3.8570, 3.9274



22.5557, -1.2035, 1.2255



# Same Dimension

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



18.5595, 21.5741, -25.8965



20.9269, 34.4189, -43.8745



21.2155, 26.7394, -14.3094



16.0762, 0.5521, -0.5777



15.7013, 34.3678, -47.8291



35.5727, 78.5544, -113.7177



# Inverse Universe

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



20.1145, 22.0668, 0.9813



23.7467, 34.4742, 3.0750



30.6677, -21.7483, 14.5135



16.1379, 0.6107, 0.6696



19.0490, 33.5184, 5.3601



43.8458, 76.8019, 15.0413



# Previews

## White Background



This preview shows how the HunterLab color 18.5591, 21.5744, -25.8972 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 18.5591, 21.5744, -25.8972 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

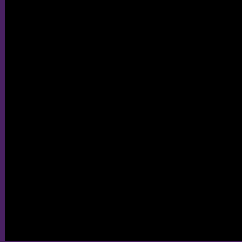
Any Text WCAG AA × Fail

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 18.5591, 21.5744, -25.8972 Background



This preview shows how black text looks on a background with the HunterLab color 18.5591, 21.5744, -25.8972.



This preview shows how white text looks on a background with the HunterLab color 18.5591, 21.5744, -25.8972.

-25.8972.

# 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

18.5591, 21.5744, -25.8972

### Protanopia

18.5752, 4.8806, -33.7532

### Deuteranopia

18.7859, 0.4752, -22.5853



## Tritanopia

18.7619, 4.4952, 1.3730

# Trichromacy



## Original Color

18.5591, 21.5744, -25.8972

## Protanomaly

17.4765, 9.2747, -34.4087

## Deuteranomaly

17.6688, 6.6159, -26.1314

## Tritanomaly

18.5004, 10.0033, -6.4688

# Monochromacy



## Original Color

18.5591, 21.5744, -25.8972

## Achromatopsia

18.8683, -1.0068, 1.0252

## Achromatomaly

18.4073, 6.6436, -7.2048

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 18.5591, 21.5744, -25.8972 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(74, 33, 99)` looks like.

```
.text, #text, p{  
    color:rgb(74, 33, 99)  
}
```

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(74, 33, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 33, 99) }
```

## Border

The CSS property to change the border of an element to HunterLab 18.5591, 21.5744, -25.8972 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(74, 33, 99) }
```



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

```
.border{ border-color:rgb(74, 33, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 33, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 33, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 33, 99);  
box-shadow:4px 4px 4px 4px rgb(74, 33, 99)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 18.5591, 21.5744, -25.8972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 33, 99) }
```

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

```
.background{ background-color: rgb(74, 33,  
99) }
```

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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