

# Converting Colors

HunterLab(17.1602, 18.8429,  
-62.1251)

Have a look what the booklet for  
HunterLab(17.1602, 18.8429,  
-62.1251) contains.

<b>HunterLab(17.1314, 18.8961, -62.2040)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	24
<i><b>Color Blindness Simulation</b></i> .....	28
<i><b>CSS Examples</b></i> .....	31

# Color

**HunterLab(17.1314, 18.8961,  
-62.2040)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	002582
RGB	0, 37, 130
RGB Percent	0%, 15%, 51%
CMY	0.9999, 0.8549, 0.4902
CMYK	1.00, 0.72, 0.00, 0.49
HSL	223°, 100%, 25%
HSV	223°, 100%, 51%
XYZ	4.6908, 2.9348, 21.4384
YIQ	36.5390, -51.9050, 21.0790

# Conversions

## Conversions Part 2

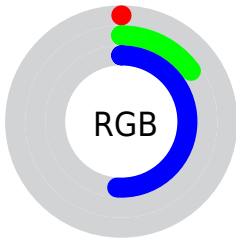
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	0, 29, 130
Decimal	9602
CIE <sub>Lab</sub>	19.78, 29.18, -54.66
CIE <sub>LCh</sub>	20, 61.960, 298.092
Yxy	2.9349, 0.1614, 0.1010
Android (android.graphics.Color)	4278199682 (0xFF002582)
YUV	36.5390, 46.0763, -32.0447
Hunter-Lab	17.1314, 18.8961, -62.2040

# Details

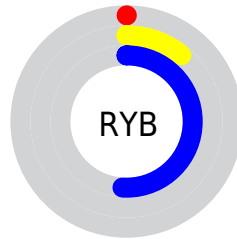
The HunterLab color **17.1314, 18.8961, -62.2040** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **35.4653, 3.9803, 21.9224**, and the grayscale version is **13.3252, -0.7110, 0.7240**.

A 20% lighter version of the original color is **33.4029, 21.1333, -59.5387**, and **7.6104, 20.6433, -54.0753** is the 20% darker color. If you saturate the color by 10%, you get **17.1290, 18.9031, -62.2160**, and if you desaturate by 10%, it is **19.1701, 14.7250, -53.2478**.

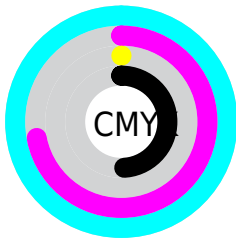
# Distribution



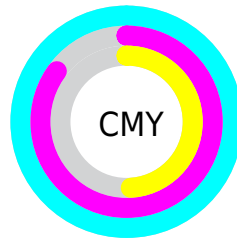
- Red (0%)
- Green (15%)
- Blue (51%)



- Red (0%)
- Yellow (11%)
- Blue (51%)



- Cyan (100%)
- Magenta (72%)
- Yellow (0%)
- Black (49%)



- Cyan (100%)
- Magenta (85%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.1314, 18.8961, -62.2040 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 17.1314, 18.8961, -62.2040 by changing the saturation by 10% instead.



■ 17.1314, 18.8961,  
-62.2040

■ 17.1314, 18.8961,  
-62.2040

■ 112.9111, 26.5906,  
-64.0301

■ 10.4778, 17.4401,  
-67.6456

■ 33.3461, 21.4150,  
-59.7025

0.0000, INF, -NF

0.0000, NaN, -NF

■ 42.7038, 22.4653,  
-59.8306

0.0000, NaN, -NF

■ 52.8026, 23.3934,  
-60.3009

0.0000, NaN, -NF

■ 63.5919, 24.2123,  
-60.9499

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 75.0298, 24.9329,  
-61.6890

0.0000, NaN, NaN

■ 87.0815, 25.5644,

0.0000, NaN, NaN

-62.4672

99.7173, 26.1148,  
-63.2539

17.1314, 18.8961,  
-62.2040

17.1314, 18.8961,  
-62.2040

17.1290, 18.9031,  
-62.2160

19.1701, 14.7250,  
-53.2478

21.4975, 10.9591,  
-44.8081

24.1099, 7.7923,  
-36.9427

26.9576, 5.1923,  
-29.7471

30.0005, 3.0860,  
-23.1977

■ 33.2070, 1.3934,  
-17.2213

■ 36.5525, 0.0419,  
-11.7323

■ 40.0179, -1.0297,  
-6.6491

■ 43.5884, -1.8709,  
-1.9007

# Harmonies

## Analogous

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



17.1315, -2.0656, -76.9881



17.1314, 18.8961, -62.2040



17.1315, 40.1159, -27.6846

# Triad

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



17.1315, 18.8975, -62.2037



17.1315, 21.8098, 11.9921



17.1315, -24.0439, 2.0051

# Complementary

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



17.1314, 18.8961, -62.2040



35.4653, 3.9803, 21.9224

# 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.



17.1315, -21.6714, 11.6638



17.1314, 18.8961, -62.2040



17.1315, 0.2668, 11.9921

# Square

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



17.1315, 18.8975, -62.2037



17.1315, 42.2340, 10.7994



17.1315, -14.4866, 11.9921



17.1315, -22.1960, -23.3500



# Rectangle

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



17.1314, 18.8961, -62.2040



17.1315, 48.6001, -7.4665



17.1315, -14.4866, 11.9921



17.1315, -23.7135, 6.4818

# Sweetspot

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



17.1315, 18.8975, -62.2037



48.1940, 0.1671, -16.0557



40.8912, -28.4683, 10.3459



22.1808, 0.3612, -8.8285



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207



# Same Dimension

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



17.1315, 18.8975, -62.2037



22.2322, 26.5134, -85.0231



13.5347, 35.0792, -83.5606



20.9657, -0.9248, -0.7089



16.8043, 18.4211, -60.7698

0.0000, NaN, NaN



# Inverse Universe

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



22.0902, 38.4305, 9.5873



29.2750, 50.8599, 13.2917



43.4841, -19.8917, 26.4458



20.8874, 0.8282, 1.0672



21.6323, 37.6426, 9.3535

0.0000, NaN, NaN



# Previews

## White Background



This preview shows how the HunterLab color 17.1314, 18.8961, -62.2040 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 17.1314, 18.8961, -62.2040 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

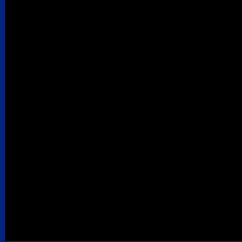
Any Text WCAG AA × Fail

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 17.1314, 18.8961, -62.2040 Background



This preview shows how black text looks on a background with the HunterLab color 17.1314, 18.8961, -62.2040.



This preview shows how white text looks on a background with the HunterLab color 17.1314, 18.8961, -62.2040.



# 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

17.1314, 18.8961, -62.2040

### Protanopia

17.1847, 4.3786, -30.9315

### Deuteranopia

17.1379, -1.0332, -19.1906



**Tritanopia**

17.1282, -8.5303, -2.9943

# Trichromacy



## Original Color

17.1314, 18.8961, -62.2040

## Protanomaly

16.9572, 9.6218, -41.9656

## Deuteranomaly

16.7820, 5.5970, -33.0584

## Tritanomaly

16.5952, -0.4605, -19.7484

# Monochromacy



## Original Color

17.1314, 18.8961, -62.2040

## Achromatopsia

13.6016, -0.7257, 0.7390

## Achromatomaly

14.0437, 3.0759, -16.4597

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 17.1314, 18.8961, -62.2040 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, 130)` looks like.

```
.text, #text, p{  
    color:rgb(0, 37, 130)  
}
```

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, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 37, 130) }
```

## Border

The CSS property to change the border of an element to HunterLab 17.1314, 18.8961, -62.2040 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, 130) }
```



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

```
.border{ border-color:rgb(0, 37, 130) }
```

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, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 37, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 37, 130);  
box-shadow:4px 4px 4px 4px rgb(0, 37, 130)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 17.1314, 18.8961, -62.2040 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, 130) }
```

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

```
.background{ background-color: rgb(0, 37,  
130) }
```

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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