

# Converting Colors

HunterLab(21.3441, -0.1699,  
-19.2605)

Have a look what the booklet for  
HunterLab(21.3441, -0.1699,  
-19.2605) contains.

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# Color

**HunterLab(21.4549, -0.4177,  
-18.7197)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1E3E62
RGB	30, 62, 98
RGB Percent	12%, 24%, 38%
CMY	0.8823, 0.7569, 0.6157
CMYK	0.69, 0.37, 0.00, 0.62
HSL	212°, 53%, 25%
HSV	212°, 69%, 38%
XYZ	4.4627, 4.6031, 12.2086
YIQ	56.5360, -30.6280, 4.4120

# Conversions

## Conversions Part 2

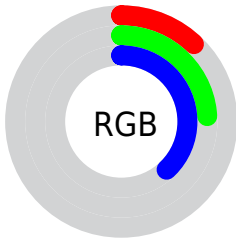
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	30, 52, 98
Decimal	1982050
CIE Lab	25.57, 1.19, -24.76
CIE LCh	26, 24.793, 272.745
Yxy	4.6033, 0.2098, 0.2164
Android (android.graphics.Color)	4280172130 (0xFF1E3E62)
YUV	56.5360, 20.4418, -23.2721
Hunter-Lab	21.4549, -0.4177, -18.7197

# Details

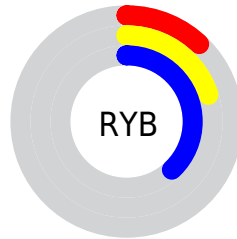
The HunterLab color  $21.4549, -0.4177, -18.7197$  is a dark color, and the websafe version is hex  $003366$ . A complement of this color would be  $25.6657, 5.2978, 13.0698$ , and the grayscale version is  $20.0096, -1.0677, 1.0872$ .

A 20% lighter version of the original color is  $38.6019, -1.0901, -19.9052$ , and  $8.5984, 2.5506, -16.2534$  is the 20% darker color. If you saturate the color by 10%, you get  $19.8506, 0.7909, -22.2681$ , and if you desaturate by 10%, it is  $23.1644, -1.3113, -15.3255$ .

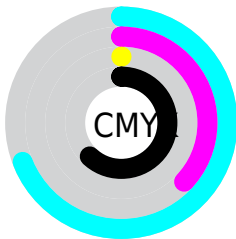
# Distribution



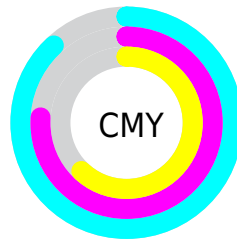
- Red (12%)
- Green (24%)
- Blue (38%)



- Red (12%)
- Yellow (20%)
- Blue (38%)



- Cyan (69%)
- Magenta (37%)
- Yellow (0%)
- Black (62%)



- Cyan (88%)
- Magenta (76%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.4549, -0.4177, -18.7197 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 21.4549, -0.4177, -18.7197 by changing the saturation by 10% instead.



■ 21.4549, -0.4177,  
-18.7197

■ 21.4549, -0.4177,  
-18.7197

■ 120.7993, -5.1620,  
-21.8534

■ 14.2001, -0.1223,  
-18.2923

■ 38.6724, -1.1809,  
-19.7586

■ 7.8549, 0.2392,  
-18.9377

■ 48.4662, -1.6355,  
-20.2314

0.0000, NaN, -NF

■ 58.9705, -2.1326,  
-20.6482

0.0000, NaN, NaN

■ 70.1400, -2.6690,  
-21.0051

0.0000, NaN, NaN

■ 81.9374, -3.2422,  
-21.3023

0.0000, NaN, NaN

■ 94.3307, -3.8499,

0.0000, NaN, NaN

0.0000, NaN, NaN

-21.5412

0.0000, NaN, NaN

107.2927, -4.4903,  
-21.7241

21.4549, -0.4177,  
-18.7197

21.4549, -0.4177,  
-18.7197

19.8506, 0.7909,  
-22.2681

23.1644, -1.3113,  
-15.3255

18.3618, 2.3401,  
-25.9569

24.9673, -1.9232,  
-12.0896

16.9527, 4.0927,  
-29.8958

26.8541, -2.2868,  
-9.0054

16.8669, 4.2017,  
-30.1524

28.8160, -2.4336,  
-6.0621

30.8455, -2.3922,  
-3.2464

■ 32.9361, -2.1871,  
-0.5447

■ 35.0823, -1.8396,  
2.0564

■ 37.2792, -1.3677,  
4.5692

■ 39.5228, -0.7867,  
7.0051

# Harmonies

## Analogous

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



21.4553, -7.6358, -15.9404



21.4549, -0.4177, -18.7197



21.4553, 7.6533, -14.7784

# Triad

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



21.4553, -0.4175, -18.7192



21.4553, 13.0979, 7.5782



21.4553, -12.9930, 6.7622

# Complementary

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



21.4549, -0.4177, -18.7197



25.6657, 5.2978, 13.0698

# 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.



21.4553, -8.7220, 10.0806



21.4549, -0.4177, -18.7197



21.4553, 6.2207, 10.4187

# Square

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



21.4553, -0.4175, -18.7192



21.4553, 16.1271, 1.8449



21.4553, -1.8648, 11.1352



21.4553, -14.2478, 0.4680



# Rectangle

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



21.4549, -0.4177, -18.7197



21.4553, 12.2528, -9.4816



21.4553, -1.8648, 11.1352



21.4553, -11.8960, 8.1738

# Sweetspot

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



21.4553, -0.4175, -18.7192



40.2232, -3.1990, -5.1197



30.6509, -19.5047, 8.8318



19.3734, -1.5683, -2.8201



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.



21.4553, -0.4175, -18.7192



25.0582, 2.2411, -32.4332



14.5053, 14.4648, -38.0412



16.3979, -1.0780, -0.2021



19.2409, 5.2894, -35.4677



42.4713, 16.3135, -88.3016



# Inverse Universe

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



19.6806, 23.3427, -1.1945



23.6072, 36.2684, 0.0092



33.7095, -8.5929, 18.4604



16.1487, 0.6688, 0.5161



19.2693, 34.3236, 2.1859



44.3401, 78.6122, 7.8889



# Previews

## White Background



This preview shows how the HunterLab color 21.4549, -0.4177, -18.7197 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 21.4549, -0.4177, -18.7197 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

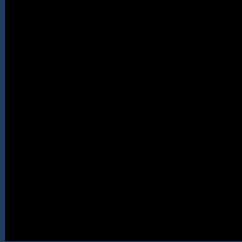
Any Text WCAG AA × Fail

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 21.4549, -0.4177, -18.7197 Background



This preview shows how black text looks on a background with the HunterLab color 21.4549, -0.4177, -18.7197.



This preview shows how white text looks on a background with the HunterLab color 21.4549, -0.4177, -18.7197.



# 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

21.4549, -0.4177, -18.7197

### Protanopia

21.3934, 3.0081, -17.4341

### Deuteranopia

21.5207, 1.0956, -18.5549



## Tritanopia

21.3236, -9.6093, -4.5550

# Trichromacy



## Original Color

21.4549, -0.4177, -18.7197

## Protanomaly

21.3687, 1.7651, -18.1808

## Deuteranomaly

21.3931, 0.6639, -18.8309

## Tritanomaly

21.2131, -6.6033, -9.3555

# Monochromacy



## Original Color

21.4549, -0.4177, -18.7197

## Achromatopsia

20.2275, -1.0793, 1.0990

## Achromatomaly

20.4943, -1.8451, -5.1405

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 21.4549, -0.4177, -18.7197 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(30, 62, 98)` looks like.

```
.text, #text, p{  
    color:rgb(30, 62, 98)  
}
```

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(30, 62, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 62, 98) }
```

## Border

The CSS property to change the border of an element to HunterLab 21.4549, -0.4177, -18.7197 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(30, 62, 98) }
```



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

```
.border{ border-color:rgb(30, 62, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 62, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 62, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 62, 98);  
box-shadow:4px 4px 4px 4px rgb(30, 62, 98)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 21.4549, -0.4177, -18.7197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 62, 98) }
```

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

```
.background{ background-color: rgb(30, 62,  
98) }
```

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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