

# Converting Colors

HunterLab(63.6392, -42.8440,  
22.2289)

Have a look what the booklet for  
HunterLab(63.6392, -42.8440,  
22.2289) contains.

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# Color

**HunterLab(63.6621,  
-42.8551, 22.2239)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3FC177
RGB	63, 193, 119
RGB Percent	25%, 76%, 47%
CMY	0.7529, 0.2431, 0.5333
CMYK	0.67, 0.00, 0.38, 0.24
HSL	146°, 51%, 50%
HSV	146°, 67%, 76%
XYZ	24.4497, 40.5286, 23.9869
YIQ	145.6940, -53.7260, -50.5740

# Conversions

## Conversions Part 2

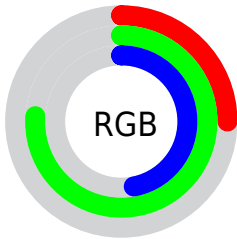
Format	Color
<a href="#">RYB</a>	<a href="#">63, 154, 193</a>
Decimal	<a href="#">4178295</a>
CIELab	<a href="#">69.85, -52.03, 27.22</a>
CIELCh	<a href="#">70, 58.717, 152.385</a>
Yxy	<a href="#">40.5303, 0.2748, 0.4556</a>
Android (android.graphics.Color)	<a href="#">4282368375 (0xFF3FC177)</a>
YUV	<a href="#">145.6940, -13.1601, -72.5226</a>
Hunter-Lab	<a href="#">63.6621, -42.8551, 22.2239</a>

# Details

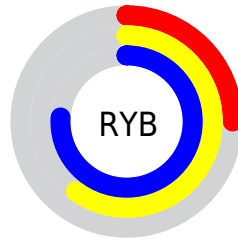
The HunterLab color **63.6621, -42.8551, 22.2239** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark muted spring green. A complement of this color would be **40.8650, 52.0429, -8.2481**, and the grayscale version is **53.5585, -2.8577, 2.9099**.

A 20% lighter version of the original color is **87.0113, -49.5135, 26.1541**, and **43.1499, -33.3426, 18.0434** is the 20% darker color. If you saturate the color by 10%, you get **63.0503, -45.7774, 24.7046**, and if you desaturate by 10%, it is **64.4673, -39.1517, 19.6197**.

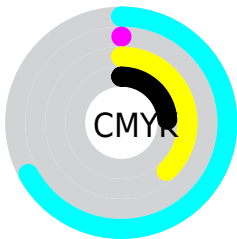
# Distribution



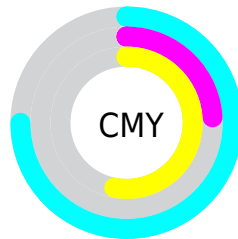
- Red (25%)
- Green (76%)
- Blue (47%)



- Red (25%)
- Yellow (60%)
- Blue (76%)



- Cyan (67%)
- Magenta (0%)
- Yellow (38%)
- Black (24%)




- Cyan (75%)
- Magenta (24%)
- Yellow (53%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.6621, -42.8551, 22.2239 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 63.6621, -42.8551, 22.2239 by changing the saturation by 10% instead.





 63.6621, -42.8551,  
22.2239


 63.6621, -42.8551,  
22.2239


186.6423,  
-70.8037, 39.7832


 52.8699, -39.1955,  
20.0613


 87.1610, -49.6966,  
26.3520


 42.7664, -35.3191,  
17.8046


 99.8004, -52.9345,  
28.3445

 33.4038, -31.1616,  
15.4230


 112.9978,  
-56.0777, 30.3026

 24.8461, -26.6258,  
12.8710

 126.7305,  
-59.1412, 32.2335

 17.1777, -21.5598,  
10.3354

 140.9785,  
-62.1367, 34.1428

 10.5170, -18.4048,  
7.3619

155.7237,

0.0000, NaN, NaN

-65.0739, 36.0352

0.0000, NaN, NaN

170.9499,  
-67.9607, 37.9143

0.0000, NaN, NaN

■ 63.6621, -42.8551,  
22.2239

■ 63.6621, -42.8551,  
22.2239

■ 63.0503, -45.7774,  
24.7046

■ 64.4673, -39.1517,  
19.6197

■ 62.6133, -47.9494,  
27.0269

■ 65.4717, -34.6623,  
16.9253

■ 62.3273, -49.4576,  
29.1564

■ 66.6822, -29.4097,  
14.1764

■ 62.2641, -49.7983,  
29.6756

■ 68.1008, -23.4359,  
11.4070

■ 69.7263, -16.7977,  
8.6486

■ 71.5551, -9.5611,  
5.9293

■ 73.5818, -1.7970,  
3.2728

■ 75.7992, 6.4233,  
0.6983

■ 78.1992, 15.0308,  
-1.7794

# Harmonies

## Analogous

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



63.6634, -28.6664, 32.4786



63.6621, -42.8551, 22.2239



63.6634, -47.0600, 1.3959

# Triad

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



63.6634, -42.8558, 22.2244



63.6634, -1.2463, -67.3362



63.6634, 46.1000, 24.4914

# Complementary

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



63.6621, -42.8551, 22.2239



40.8650, 52.0429, -8.2481

# 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.



63.6634, 56.5500, 5.4676



63.6621, -42.8551, 22.2239



63.6634, 26.5472, -53.2237

# Square

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



63.6634, -42.8558, 22.2244



63.6634, -25.5243, -56.8967



63.6634, 48.8678, -23.6321



63.6634, 22.2298, 33.3566



# Rectangle

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



63.6621, -42.8551, 22.2239



63.6634, -44.3098, -18.1184



63.6634, 48.8678, -23.6321



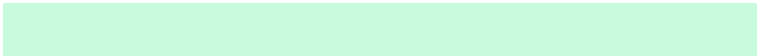
63.6634, 51.4613, 19.4206

# Sweetspot

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



63.6634, -42.8558, 22.2244



92.6401, -25.1938, 12.6617



66.3139, -33.7136, 36.0672



42.6211, -12.8422, 6.3488



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594



# Same Dimension

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



63.6634, -42.8558, 22.2244



84.0625, -62.8108, 34.6169



65.2555, -33.2786, -0.6665



33.6590, -5.2321, 3.0611



50.7935, -40.5178, 23.9789



10.6232, -8.0182, 4.0309



# Inverse Universe

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



40.8650, 52.0429, -8.2481



50.0110, 80.2654, -8.6939



39.2243, 45.1326, 15.2109



31.8933, 1.8785, 0.5517



28.8164, 51.9970, -1.9067



6.1024, 11.2137, -1.9731



# Previews

## White Background



This preview shows how the HunterLab color 63.6621, -42.8551, 22.2239 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

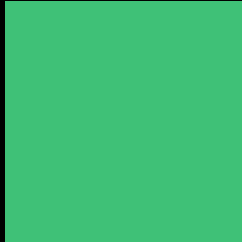
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 63.6621, -42.8551, 22.2239 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

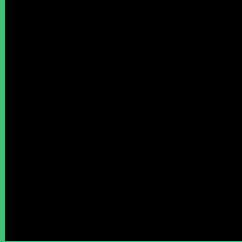
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

## HunterLab 63.6621, -42.8551, 22.2239 Background



This preview shows how black text looks on a background with the HunterLab color 63.6621, -42.8551, 22.2239.



This preview shows how white text looks on a background with the HunterLab color 63.6621, -42.8551, 22.2239.

-42.8551, 22.2239.

# 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

63.6621, -42.8551, 22.2239

### Protanopia

62.9844, -6.1700, 25.0834

### Deuteranopia

62.9495, 4.6965, 20.2802



## Tritanopia

63.3785, -22.3618, -11.3176

# Trichromacy



## Original Color

63.6621, -42.8551, 22.2239



## Protanomaly

62.1357, -23.3704, 22.9713



## Deuteranomaly

61.4827, -17.3139, 19.5117



## Tritanomaly

63.3676, -31.1045, 3.3816

# Monochromacy



## Original Color

63.6621, -42.8551, 22.2239



## Achromatopsia

53.6135, -2.8607, 2.9129



## Achromatomaly

56.2894, -20.0418, 9.8002

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 63.6621, -42.8551, 22.2239 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(63, 193, 119)` looks like.

```
.text, #text, p{  
    color:rgb(63, 193, 119)  
}
```

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(63, 193, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 193, 119) }
```

## Border

The CSS property to change the border of an element to HunterLab 63.6621, -42.8551, 22.2239 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(63, 193, 119) }
```



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

```
.border{ border-color:rgb(63, 193, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 193, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 193, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 193, 119);  
box-shadow:4px 4px 4px 4px rgb(63, 193,  
119) }
```

# Background

The CSS property to change the background color of an element to HunterLab 63.6621, -42.8551, 22.2239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 193, 119) }
```

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

```
.background{ background-color: rgb(63, 193,  
119) }
```

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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