

# Converting Colors

HunterLab(53.0866, 12.1785,  
-16.2503)

Have a look what the booklet for  
HunterLab(53.0866, 12.1785,  
-16.2503) contains.

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# Color

**HunterLab(53.1553, 12.2483,  
-16.3952)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9E88B6
RGB	158, 136, 182
RGB Percent	62%, 53%, 71%
CMY	0.3804, 0.4667, 0.2863
CMYK	0.13, 0.25, 0.00, 0.29
HSL	269°, 24%, 62%
HSV	269°, 25%, 71%
XYZ	31.3482, 28.2549, 48.0575
YIQ	147.8220, -1.6540, 18.9700

# Conversions

## Conversions Part 2

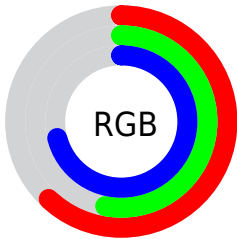
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	158, 136, 182
Decimal	10389686
CIE <sub>Lab</sub>	60.12, 17.36, -21.04
CIE <sub>LCh</sub>	60, 27.275, 309.532
Yxy	28.2560, 0.2912, 0.2624
Android (android.graphics.Color)	4288579766 (0xFF9E88B6)
YUV	147.8220, 16.8498, 8.9261
Hunter-Lab	53.1553, 12.2483, -16.3952

# Details

The HunterLab color  $53.1553, 12.2483, -16.3952$  is a light color, and the websafe version is hex  $9999CC$ . A complement of this color would be  $65.3512, -16.9356, 18.8392$ , and the grayscale version is  $54.2827, -2.8964, 2.9493$ .

A 20% lighter version of the original color is  $75.3089, 12.9615, -17.0511$ , and  $33.6225, 11.4197, -15.7059$  is the 20% darker color. If you saturate the color by 10%, you get  $47.5723, 18.8205, -25.5142$ , and if you desaturate by 10%, it is  $59.0133, 5.8428, -7.9980$ .

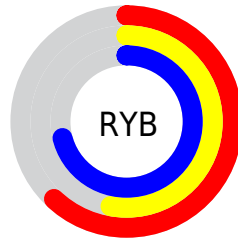
# Distribution



Red (62%)

Green (53%)

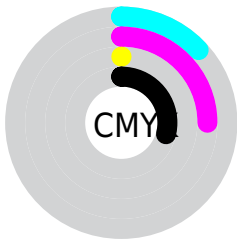
Blue (71%)



Red (62%)

Yellow (53%)

Blue (71%)

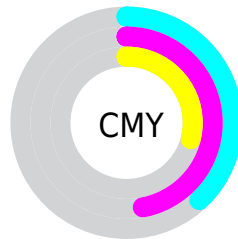


Cyan (13%)

Magenta (25%)

Yellow (0%)

Black (29%)



Cyan (38%)

Magenta (47%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 53.1553, 12.2483, -16.3952 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 53.1553, 12.2483, -16.3952 by changing the saturation by 10% instead.



■ 53.1553, 12.2483,  
-16.3952

■ 53.1553, 12.2483,  
-16.3952

171.3734, 12.5117,  
-16.8828

■ 43.0334, 11.8729,  
-16.0492

■ 75.4274, 12.7414,  
-16.8903

■ 33.6498, 11.3978,  
-15.6405

■ 87.4994, 12.8789,  
-17.0465

■ 25.0690, 10.8055,  
-15.1773

■ 100.1544, 12.9522,  
-17.1456

■ 17.3749, 10.0737,  
-14.6930

113.3667, 12.9665,  
-17.1904

■ 10.6846, 9.1746,  
-14.3028

127.1138, 12.9261,  
-17.1841

■ 1.1495, 65.7495,  
-80.9214

141.3757, 12.8348,

0.0000, NaN, -NF

-17.1291

0.0000, NaN, NaN

156.1342, 12.6958,  
-17.0280

0.0000, NaN, NaN

■ 53.1553, 12.2483,  
-16.3952

■ 53.1553, 12.2483,  
-16.3952

■ 47.5723, 18.8205,  
-25.5142

■ 59.0133, 5.8428,  
-7.9980

■ 42.3151, 25.5519,  
-35.4884

■ 65.1021, -0.4076,  
-0.1970

■ 37.4565, 32.3714,  
-46.4065

■ 71.3912, -6.5275,  
7.1219

■ 33.0898, 39.0876,  
-58.2243

■ 77.8563, -12.5417,  
14.0524

■ 29.3309, 45.2980,  
-70.5942

■ 84.4781, -18.4728,  
20.6707

■ 26.3069, 50.3196,  
-82.6535

■ 91.2412, -24.3403,  
27.0377

■ 24.1151, 53.3126,  
-93.0172

■ 95.2998, -26.1264,  
30.7321

■ 23.2501, 54.3426,  
-97.5803

■ 96.1169, -23.1174,  
31.5224

■ 96.9716, -19.9991,  
32.3442

# Harmonies

## Analogous

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



53.1564, 0.9367, -22.8258



53.1553, 12.2483, -16.3952



53.1564, 19.9153, -5.1449

# Triad

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



53.1564, 12.2472, -16.3940



53.1564, 5.2564, 19.2882



53.1564, -23.2507, -0.7728

# Complementary

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



53.1553, 12.2483, -16.3952



65.3512, -16.9356, 18.8392

# 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.



53.1564, -22.3116, 9.8444



53.1553, 12.2483, -16.3952



53.1564, -6.5125, 19.9639

# Square

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



53.1564, 12.2472, -16.3940



53.1564, 15.6433, 14.7894



53.1564, -16.4106, 16.8910



53.1564, -19.0972, -12.6053



# Rectangle

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



53.1553, 12.2483, -16.3952



53.1564, 21.5722, 2.7183



53.1564, -16.4106, 16.8910



53.1564, -23.5114, 3.0680

# Sweetspot

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



53.1564, 12.2472, -16.3940



85.2820, 1.8406, -3.1991



58.2578, -6.1672, -9.2505



39.4962, 1.4591, -2.2400



96.5975, -5.1542, 5.2483



43.2801, -2.3093, 2.3515



# Same Dimension

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



53.1564, 12.2472, -16.3940



67.5877, 21.0946, -28.3687



55.4493, 19.4318, -12.8141



29.8738, 1.0113, -1.5786



19.6380, 45.7756, -81.4553



4.1573, 9.1419, -12.9910



# Inverse Universe

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



54.8568, 16.0714, -1.8629



70.4431, 27.2586, -3.7362



63.7164, -23.0413, 17.1827



30.1469, 1.6866, 0.6995



27.6036, 49.4327, 1.0870

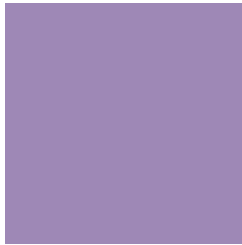


5.3013, 9.7098, -1.4667



# Previews

## White Background



This preview shows how the HunterLab color 53.1553, 12.2483, -16.3952 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

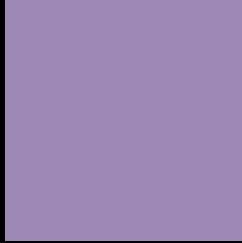
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 53.1553, 12.2483, -16.3952 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

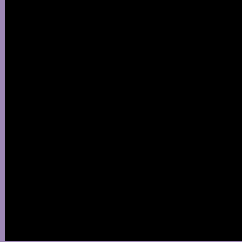
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# HunterLab 53.1553, 12.2483, -16.3952 Background



This preview shows how black text looks on a background with the HunterLab color 53.1553, 12.2483, -16.3952.



This preview shows how white text looks on a background with the HunterLab color 53.1553, 12.2483, -16.3952.

-16.3952.

# 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

53.1553, 12.2483, -16.3952

### Protanopia

53.1219, 2.6847, -19.6922

### Deuteranopia

53.2399, 4.0530, -15.8067



## Tritanopia

53.0301, 2.8307, -0.9680

# Trichromacy



## Original Color

53.1553, 12.2483, -16.3952

## Protanomaly

52.9242, 6.1716, -18.7000

## Deuteranomaly

53.1934, 6.7469, -15.8308

## Tritanomaly

53.0228, 6.3564, -6.4897

# Monochromacy



## Original Color

53.1553, 12.2483, -16.3952

## Achromatopsia

54.4186, -2.9036, 2.9567

## Achromatomaly

54.0000, 2.2448, -3.2019

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 53.1553, 12.2483, -16.3952 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(158, 136, 182)` looks like.

```
.text, #text, p{  
    color:rgb(158, 136, 182)  
}
```

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(158, 136, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 136, 182) }
```

## Border

The CSS property to change the border of an element to HunterLab 53.1553, 12.2483, -16.3952 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(158, 136, 182) }
```



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

```
.border{ border-color:rgb(158, 136, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 136, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 136, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 136, 182);  
box-shadow:4px 4px 4px 4px rgb(158, 136,  
182) }
```

# Background

The CSS property to change the background color of an element to HunterLab 53.1553, 12.2483, -16.3952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 136, 182) }
```

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

```
.background{ background-color: rgb(158,  
136, 182) }
```

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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