

# Converting Colors

HunterLab(53.5537, -20.3932,  
-4.1465)

Have a look what the booklet for  
HunterLab(53.5537, -20.3932,  
-4.1465) contains.

<b>HunterLab(53.6522, -20.5258, -4.0515)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(53.6522,  
-20.5258, -4.0515)**

# Conversions

## Conversions Part 1

Format	Color
Hex	529EA0
RGB	82, 158, 160
RGB Percent	32%, 62%, 63%
CMY	0.6784, 0.3804, 0.3725
CMYK	0.49, 0.01, 0.00, 0.37
HSL	182°, 32%, 47%
HSV	182°, 49%, 63%
XYZ	22.0517, 28.7856, 37.6516
YIQ	135.5040, -45.9380, -15.4900

# Conversions

## Conversions Part 2

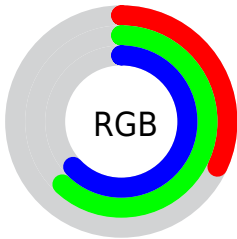
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	82, 120, 160
Decimal	5414560
CIE Lab	60.59, -22.90, -8.32
CIE LCh	61, 24.368, 199.973
Yxy	28.7867, 0.2492, 0.3253
Android (android.graphics.Color)	4283604640 (0xFF529EA0)
YUV	135.5040, 12.0765, -46.9230
Hunter-Lab	53.6522, -20.5258, -4.0515

# Details

The HunterLab color  $53.6522, -20.5258, -4.0515$  is a dark color, and the websafe version is hex  $339999$ . A complement of this color would be  $37.9788, 23.7347, 11.3548$ , and the grayscale version is  $49.3896, -2.6353, 2.6834$ .

A 20% lighter version of the original color is  $76.0350, -24.1875, -3.7026$ , and  $34.0013, -16.4392, -4.5650$  is the 20% darker color. If you saturate the color by 10%, you get  $52.9258, -22.6388, -5.0410$ , and if you desaturate by 10%, it is  $54.5249, -17.8967, -2.8800$ .

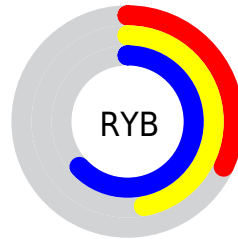
# Distribution



Red (32%)

Green (62%)

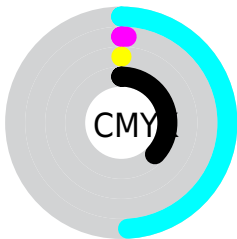
Blue (63%)



Red (32%)

Yellow (47%)

Blue (63%)

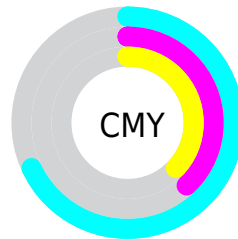


Cyan (49%)

Magenta (1%)

Yellow (0%)

Black (37%)



Cyan (68%)

Magenta (38%)

Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 53.6522, -20.5258, -4.0515 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 53.6522, -20.5258, -4.0515 by changing the saturation by 10% instead.



■ 53.6522, -20.5258,  
-4.0515

■ 53.6522, -20.5258,  
-4.0515

172.1067,  
-36.2499, -0.5739

■ 43.4966, -18.6156,  
-4.1930

■ 75.9855, -24.1840,  
-3.5929

■ 34.0766, -16.6232,  
-4.2690

■ 88.0857, -25.9578,  
-3.2871

■ 25.4562, -14.5143,  
-4.2704

■ 100.7677,  
-27.7064, -2.9351

■ 17.7178, -12.2313,  
-4.1863

■ 114.0058,  
-29.4363, -2.5399

■ 10.9765, -10.1748,  
-4.0049

■ 127.7778,  
-31.1521, -2.1041

■ 2.5620, -4.4835,  
-13.3279

142.0635,

0.0000, NaN, NaN

-32.8577, -1.6299

0.0000, NaN, NaN

156.8452,  
-34.5561, -1.1193

0.0000, NaN, NaN

■ 53.6522, -20.5258,  
-4.0515

■ 53.6522, -20.5258,  
-4.0515

■ 52.9258, -22.6388,  
-5.0410

■ 54.5249, -17.8967,  
-2.8800

■ 52.3375, -24.2364,  
-5.8504

■ 55.5437, -14.7614,  
-1.5340

■ 51.8800, -25.3368,  
-6.4838

■ 56.7102, -11.1425,  
-0.0216

■ 51.5418, -25.9758,  
-6.9527

■ 58.0235, -7.0700,  
1.6459

■ 51.2954, -26.2566,  
-7.2933

■ 59.4808, -2.5800,  
3.4551

■ 51.2660, -26.2860,  
-7.3340

■ 61.0784, 2.2886,  
5.3920

■ 62.8117, 7.4954,  
7.4420

■ 64.6752, 13.0004,  
9.5913

■ 66.6632, 18.7657,  
11.8264

# Harmonies

## Analogous

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



53.6532, -21.3068, 6.1528



53.6522, -20.5258, -4.0515



53.6532, -15.2237, -13.9347

# Triad

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



53.6532, -20.5262, -4.0507



53.6532, 13.4581, -10.9329



53.6532, 0.6890, 18.5790

# Complementary

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



53.6522, -20.5258, -4.0515



37.9788, 23.7347, 11.3548

# 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.



53.6532, 10.7231, 15.6263



53.6522, -20.5258, -4.0515



53.6532, 18.4608, -0.5263

# Square

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



53.6532, -20.5262, -4.0507



53.6532, 4.1946, -18.4068



53.6532, 17.4232, 9.0660



53.6532, -9.5787, 17.9969



# Rectangle

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



53.6522, -20.5258, -4.0515



53.6532, -9.5955, -18.3984



53.6532, 17.4232, 9.0660



53.6532, 4.2131, 17.9928

# Sweetspot

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



53.6532, -20.5262, -4.0507



77.0055, -13.1830, 0.7253



52.5026, -31.9607, 22.4812



35.9036, -6.6670, 0.1368



89.8524, -4.7943, 4.8819



37.4146, -1.9963, 2.0328



# Same Dimension

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



53.6532, -20.5262, -4.0507



71.2836, -30.5973, -6.8374



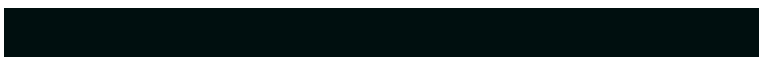
42.0637, -3.5674, -21.0214



27.3501, -3.4353, 0.7366



45.2585, -23.2136, -6.4576



6.1189, -3.1844, -0.7739



# Inverse Universe

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



39.9719, 35.8257, -22.7252



49.9760, 58.7593, -37.4458



46.9855, 5.2190, 18.9696



25.9839, 1.9067, -0.7678



27.7309, 54.2267, -34.3030

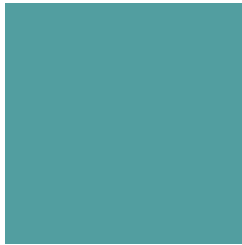


3.7192, 7.2895, -4.7306



# Previews

## White Background



This preview shows how the HunterLab color 53.6522, -20.5258, -4.0515 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 53.6522, -20.5258, -4.0515 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

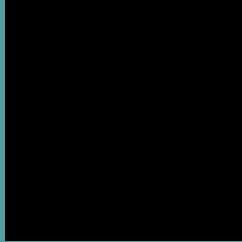
Any Text WCAG AA ✓ Pass

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 53.6522, -20.5258, -4.0515 Background



This preview shows how black text looks on a background with the HunterLab color 53.6522, -20.5258, -4.0515.



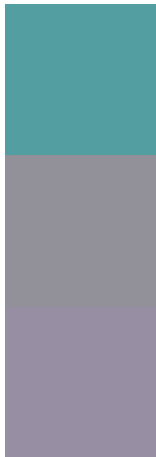
This preview shows how white text looks on a background with the HunterLab color 53.6522, -20.5258, -4.0515.

-20.5258, -4.0515.

# 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

53.6522, -20.5258, -4.0515

### Protanopia

53.2208, -0.9200, -0.3151

### Deuteranopia

53.4842, 3.6431, -5.9140



## Tritanopia

53.7678, -17.8548, -8.5723

# Trichromacy



## Original Color

53.6522, -20.5258, -4.0515

## Protanomaly

52.9834, -9.0617, -2.2120

## Deuteranomaly

53.1599, -6.3822, -6.0008

## Tritanomaly

53.6208, -18.6157, -7.1756

# Monochromacy



## Original Color

53.6522, -20.5258, -4.0515

## Achromatopsia

49.6187, -2.6475, 2.6959

## Achromatomaly

50.6990, -10.2571, -0.2664

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 53.6522, -20.5258, -4.0515 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(82, 158, 160)` looks like.

```
.text, #text, p{  
    color:rgb(82, 158, 160)  
}
```

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(82, 158, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 158, 160) }
```

## Border

The CSS property to change the border of an element to HunterLab 53.6522, -20.5258, -4.0515 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(82, 158, 160) }
```



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

```
.border{ border-color:rgb(82, 158, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 158, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 158, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 158, 160);  
box-shadow:4px 4px 4px 4px rgb(82, 158,  
160) }
```

# Background

The CSS property to change the background color of an element to HunterLab 53.6522, -20.5258, -4.0515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 158, 160) }
```

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

```
.background{ background-color: rgb(82, 158,  
160) }
```

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](#).

# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor