

# Converting Colors

HunterLab(53.1660, -27.0838,  
8.6419)

Have a look what the booklet for  
HunterLab(53.1660, -27.0838,  
8.6419) contains.

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# Color

**HunterLab(53.2270,  
-27.2140, 8.7970)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4DA082
RGB	77, 160, 130
RGB Percent	30%, 63%, 51%
CMY	0.6980, 0.3725, 0.4902
CMYK	0.52, 0.00, 0.19, 0.37
HSL	158°, 35%, 46%
HSV	158°, 52%, 63%
XYZ	19.6607, 28.3311, 25.5514
YIQ	131.7630, -39.8380, -26.9260

# Conversions

## Conversions Part 2

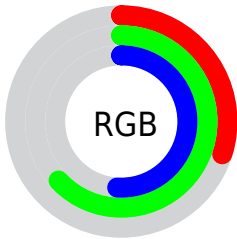
<b>Format</b>	<b>Color</b>
<b>RYB</b>	77, 128, 160
Decimal	5087362
CIELab	60.19, -32.69, 8.00
CIElCh	60, 33.651, 166.256
Yxy	28.3323, 0.2673, 0.3852
Android (android.graphics.Color)	4283277442 (0xFF4DA082)
YUV	131.7630, -0.8692, -48.0272
Hunter-Lab	53.2270, -27.2140, 8.7970

# Details

The HunterLab color **53.2270, -27.2140, 8.7970** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **37.2070, 29.9063, 1.2829**, and the grayscale version is **47.9575, -2.5589, 2.6056**.

A 20% lighter version of the original color is **75.4489, -31.8104, 10.7293**, and **33.7825, -21.9802, 6.7695** is the 20% darker color. If you saturate the color by 10%, you get **52.5315, -30.2645, 10.2360**, and if you desaturate by 10%, it is **54.0753, -23.6136, 7.4566**.

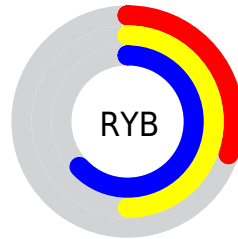
# Distribution



Red (30%)

Green (63%)

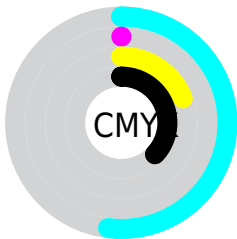
Blue (51%)



Red (30%)

Yellow (50%)

Blue (63%)

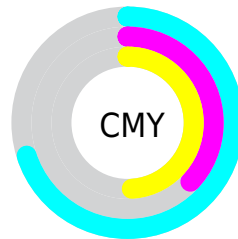


Cyan (52%)

Magenta (0%)

Yellow (19%)

Black (37%)



Cyan (70%)

Magenta (37%)


Yellow (49%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 53.2270, -27.2140, 8.7970 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 53.2270, -27.2140, 8.7970 by changing the saturation by 10% instead.





 53.2270, -27.2140,  
8.7970


 53.2270, -27.2140,  
8.7970


171.4792,  
-47.1968, 18.3447


 43.1002, -24.6669,  
7.7940


 75.5079, -32.0071,  
10.8257


 33.7113, -21.9739,  
6.7908


 87.5840, -34.2948,  
11.8561


 25.1248, -19.0798,  
5.7789


 100.2429,  
-36.5295, 12.8997

 17.4243, -15.8931,  
4.7422

 113.4590,  
-38.7213, 13.9577

 10.7266, -14.2116,  
3.8104

 127.2096,  
-40.8782, 15.0307

 1.4417, -2.5229,  
1.0092

141.4749,

0.0000, NaN, NaN

-43.0065, 16.1194

0.0000, NaN, NaN

156.2368,  
-45.1113, 17.2239

0.0000, NaN, NaN

■ 53.2270, -27.2140,  
8.7970

■ 53.2270, -27.2140,  
8.7970

■ 52.5315, -30.2645,  
10.2360

■ 54.0753, -23.6136,  
7.4566

■ 51.9797, -32.7595,  
11.7514

■ 55.0764, -19.4808,  
6.2303

■ 51.5638, -34.7137,  
13.3202

■ 56.2321, -14.8468,  
5.1323

■ 51.2708, -36.1637,  
14.9164

■ 57.5413, -9.7514,  
4.1727

■ 51.0933, -37.0863,  
16.1964

■ 59.0013, -4.2393,  
3.3578

■ 60.6079, 1.6416,  
2.6905

■ 62.3560, 7.8439,  
2.1710

■ 64.2400, 14.3213,  
1.7966

■ 66.2534, 21.0313,  
1.5631

# Harmonies

## Analogous

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



53.2281, -21.4509, 18.1140



53.2270, -27.2140, 8.7970



53.2281, -26.9589, -5.0381

# Triad

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



53.2281, -27.2146, 8.7976



53.2281, 5.1534, -29.2023



53.2281, 17.7447, 18.6629

# Complementary

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



53.2270, -27.2140, 8.7970



37.2070, 29.9063, 1.2829

# 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.



53.2281, 26.5167, 9.7725



53.2270, -27.2140, 8.7970



53.2281, 18.7344, -18.7883

# Square

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



53.2281, -27.2146, 8.7976



53.2281, -9.2795, -29.6685



53.2281, 26.8971, -3.7667



53.2281, 3.9147, 22.6960



# Rectangle

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



53.2270, -27.2140, 8.7970



53.2281, -23.4306, -15.2064



53.2281, 26.8971, -3.7667



53.2281, 21.4444, 16.2687

# Sweetspot

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



53.2281, -27.2146, 8.7976



76.7269, -16.2570, 6.1722



53.6949, -27.3898, 24.8537



35.7747, -8.2264, 3.0070



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.



53.2281, -27.2146, 8.7976



70.6747, -41.2671, 14.0571



50.5873, -17.4503, -8.1146



27.3290, -3.9340, 1.8610



45.1037, -32.6728, 14.1555



6.0959, -3.9733, 0.9580



# Inverse Universe

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



37.2070, 29.9063, 1.2829



45.5442, 49.3921, 3.0923



38.7305, 21.3221, 13.4899



25.8530, 1.2045, 1.0931



24.6299, 43.1720, 8.2205

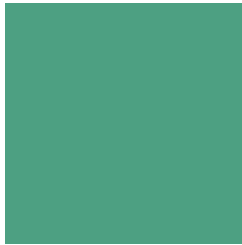


3.4090, 6.1936, -0.5530



# Previews

## White Background



This preview shows how the HunterLab color 53.2270, -27.2140, 8.7970 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 53.2270, -27.2140, 8.7970 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

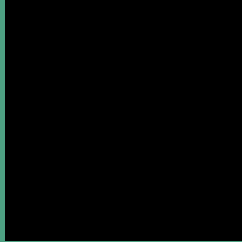
Any Text WCAG AA ✓ Pass

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 53.2270, -27.2140, 8.7970 Background



This preview shows how black text looks on a background with the HunterLab color 53.2270, -27.2140, 8.7970.



This preview shows how white text looks on a background with the HunterLab color 53.2270, -27.2140, 8.7970.

-27.2140, 8.7970.

# 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

53.2270, -27.2140, 8.7970

### Protanopia

52.9406, -3.5150, 11.9396

### Deuteranopia

52.7900, 3.7687, 7.2636



## Tritanopia

53.2047, -16.8804, -8.2517

# Trichromacy



## Original Color

53.2270, -27.2140, 8.7970

## Protanomaly

52.5864, -13.7326, 10.2878

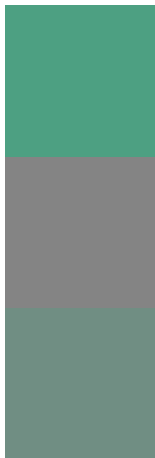
## Deuteranomaly

52.3318, -9.6249, 6.9373

## Tritanomaly

53.2277, -20.8940, -1.6209

# Monochromacy



## Original Color

53.2270, -27.2140, 8.7970

## Achromatopsia

48.0354, -2.5630, 2.6099

## Achromatomaly

49.4261, -12.6350, 4.4770

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 53.2270, -27.2140, 8.7970 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(77, 160, 130)` looks like.

```
.text, #text, p{  
    color:rgb(77, 160, 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(77, 160, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 160, 130) }
```

## Border

The CSS property to change the border of an element to HunterLab 53.2270, -27.2140, 8.7970 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(77, 160, 130) }
```



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

```
.border{ border-color:rgb(77, 160, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 160, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(77, 160, 130); -webkit-box-shadow:4px 4px 4px 4px rgb(77, 160, 130); box-shadow:4px 4px 4px 4px rgb(77, 160, 130) }
```

# Background

The CSS property to change the background color of an element to HunterLab 53.2270, -27.2140, 8.7970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 160, 130) }
```

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

```
.background{ background-color: rgb(77, 160,  
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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