

Converting Colors

HunterLab(53.8883, -27.5396,
6.1555)

Have a look what the booklet for
HunterLab(53.8883, -27.5396,
6.1555) contains.

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Color

**HunterLab(53.8658,
-27.6370, 6.2420)**

Conversions

Conversions Part 1

Format	Color
Hex	47A28A
RGB	71, 162, 138
RGB Percent	28%, 64%, 54%
CMY	0.7216, 0.3647, 0.4588
CMYK	0.56, 0.00, 0.15, 0.36
HSL	164°, 39%, 46%
HSV	164°, 56%, 64%
XYZ	20.1063, 29.0152, 28.5855
YIQ	132.0550, -46.5320, -26.7560

Conversions

Conversions Part 2

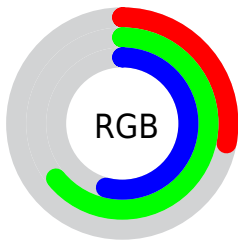
Format	Color
R_{YB}	71, 123, 162
Decimal	4694666
CIE _{Lab}	60.80, -33.09, 4.34
CIE _{LCh}	61, 33.376, 172.524
Yxy	29.0164, 0.2587, 0.3734
Android (android.graphics.Color)	4282884746 (0xFF47A28A)
YUV	132.0550, 2.9309, -53.5452
Hunter-Lab	53.8658, -27.6370, 6.2420

Details

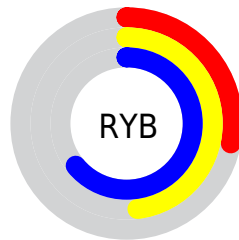
The HunterLab color **53.8658, -27.6370, 6.2420** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **36.0761, 31.9653, 4.9947**, and the grayscale version is **48.0602, -2.5644, 2.6112**.

A 20% lighter version of the original color is **76.0916, -32.3607, 7.9142**, and **34.4332, -22.2214, 4.9312** is the 20% darker color. If you saturate the color by 10%, you get **53.2560, -30.2867, 7.2866**, and if you desaturate by 10%, it is **54.6250, -24.4440, 5.3378**.

Distribution



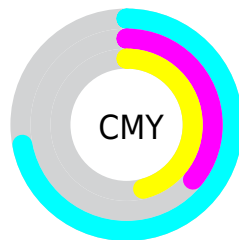
- Red (28%)
- Green (64%)
- Blue (54%)



- Red (28%)
- Yellow (48%)
- Blue (64%)



- Cyan (56%)
- Magenta (0%)
- Yellow (15%)
- Black (36%)



- Cyan (72%)
- Magenta (36%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 53.8658, -27.6370, 6.2420 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 53.8658, -27.6370, 6.2420 by changing the saturation by 10% instead.

■ 53.8658, -27.6370,
6.2420

■ 53.8658, -27.6370,
6.2420

172.4217,
-47.7728, 14.3520

■ 43.6958, -25.0708,
5.4506

■ 76.2254, -32.4671,
7.8913

■ 34.2603, -22.3586,
4.6787

■ 88.3377, -34.7728,
8.7489

■ 25.6228, -19.4462,
3.9244

■ 101.0312,
-37.0249, 9.6286

■ 17.8655, -16.2436,
3.1824

■ 114.2804,
-39.2336, 10.5303

■ 11.1025, -14.1535,
2.4414

■ 128.0630,
-41.4070, 11.4537

■ 2.9687, -5.1952,
2.0781

142.3589,

0.0000, NaN, NaN

-43.5514, 12.3987

0.0000, NaN, NaN

157.1505,
-45.6719, 13.3649

0.0000, NaN, NaN

■ 53.8658, -27.6370,
6.2420

■ 53.8658, -27.6370,
6.2420

■ 53.2560, -30.2867,
7.2866

■ 54.6250, -24.4440,
5.3378

■ 52.7848, -32.3986,
8.4515

■ 55.5352, -20.7156,
4.5863

■ 52.4425, -33.9996,
9.7150

■ 56.5995, -16.4745,
3.9982

■ 52.2111, -35.1499,
11.0481

■ 57.8180, -11.7536,
3.5796

■ 52.1346, -35.5398,
11.5566

■ 59.1890, -6.5928,
3.3328

■ 60.7094, -1.0363,
3.2567

■ 62.3747, 4.8699,
3.3475

■ 64.1796, 11.0801,
3.5991

■ 66.1183, 17.5509,
4.0036

Harmonies

Analogous

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



53.8669, -23.1071, 16.6036



53.8658, -27.6370, 6.2420



53.8669, -26.1081, -8.1457

Triad

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



53.8669, -27.6375, 6.2426



53.8669, 8.1269, -27.4541



53.8669, 14.9953, 19.9053

Complementary

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



53.8658, -27.6370, 6.2420



36.0761, 31.9653, 4.9947

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.



53.8669, 25.1105, 12.0644



53.8658, -27.6370, 6.2420



53.8669, 20.8640, -15.6471

Square

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



53.8669, -27.6375, 6.2426



53.8669, -6.4269, -30.2010



53.8669, 27.3636, -0.6028



53.8669, 0.7671, 23.0321

Rectangle

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



53.8658, -27.6370, 6.2420



53.8669, -21.7742, -18.0425



53.8669, 27.3636, -0.6028



53.8669, 19.0480, 17.8501

Sweetspot

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



53.8669, -27.6375, 6.2426



77.7018, -16.6005, 4.8762



53.6134, -31.2122, 25.8969



36.6715, -8.4535, 2.3555



90.9709, -4.8540, 4.9426



38.3822, -2.0480, 2.0854

Same Dimension

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



53.8669, -27.6375, 6.2426



71.6060, -41.4652, 10.1353



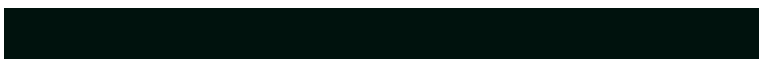
47.8856, -14.4228, -13.0705



28.2475, -3.9607, 1.6305



46.2815, -31.4959, 10.1427



6.7616, -4.2444, 0.7111

Inverse Universe

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



36.0761, 31.9653, 4.9947



44.0144, 52.3361, 9.2086



39.7894, 19.5793, 15.9772



26.6744, 1.1457, 1.4235



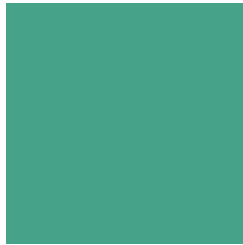
24.8872, 43.1911, 11.6548



3.7078, 6.6279, 0.2389

Previews

White Background



This preview shows how the HunterLab color 53.8658, -27.6370, 6.2420 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 53.8658, -27.6370, 6.2420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

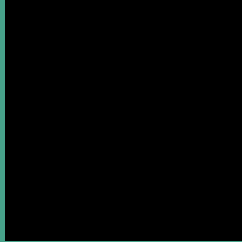
Any Text WCAG AA ✓ Pass

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 53.8658, -27.6370, 6.2420 Background



This preview shows how black text looks on a background with the HunterLab color 53.8658, -27.6370, 6.2420.



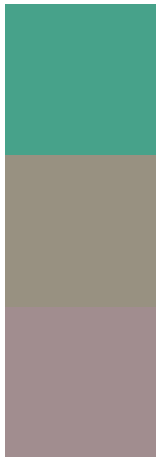
This preview shows how white text looks on a background with the HunterLab color 53.8658,

-27.6370, 6.2420.

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

53.8658, -27.6370, 6.2420

Protanopia

53.3959, -3.0601, 9.7872

Deuteranopia

53.4883, 3.7768, 4.2201



Tritanopia

53.6750, -18.1337, -9.2518

Trichromacy



Original Color

53.8658, -27.6370, 6.2420

Protanomaly

52.9246, -13.6968, 7.9168

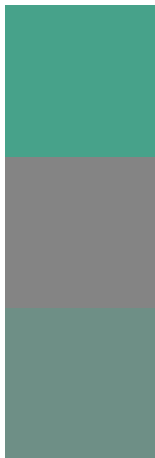
Deuteranomaly

52.9218, -10.1213, 4.2014

Tritanomaly

53.7444, -21.9425, -2.9526

Monochromacy



Original Color

53.8658, -27.6370, 6.2420

Achromatopsia

48.0354, -2.5630, 2.6099

Achromatomaly

49.6801, -13.0830, 3.4666

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 53.8658, -27.6370, 6.2420 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(71, 162, 138)` looks like.

```
.text, #text, p{  
    color:rgb(71, 162, 138)  
}
```

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(71, 162, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 162, 138) }
```

Border

The CSS property to change the border of an element to HunterLab 53.8658, -27.6370, 6.2420 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(71, 162, 138) }
```


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

```
.border{ border-color:rgb(71, 162, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 162, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 162, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 162, 138);  
box-shadow:4px 4px 4px 4px rgb(71, 162,  
138) }
```

Background

The CSS property to change the background color of an element to HunterLab 53.8658, -27.6370, 6.2420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 162, 138) }
```

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

```
.background{ background-color: rgb(71, 162,  
138) }
```

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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