

Converting Colors

HunterLab(53.5802, -25.4455,
6.2293)

Have a look what the booklet for
HunterLab(53.5802, -25.4455,
6.2293) contains.

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Color

**HunterLab(53.5697,
-25.5070, 6.3687)**

Conversions

Conversions Part 1

Format	Color
Hex	51A089
RGB	81, 160, 137
RGB Percent	32%, 63%, 54%
CMY	0.6823, 0.3725, 0.4627
CMYK	0.49, 0.00, 0.14, 0.37
HSL	163°, 33%, 47%
HSV	163°, 49%, 63%
XYZ	20.4795, 28.6971, 28.1267
YIQ	133.7570, -39.7010, -23.9010

Conversions

Conversions Part 2

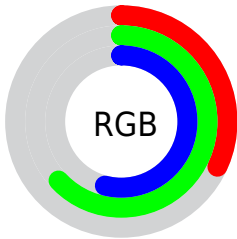
Format	Color
RYB	81, 127, 160
Decimal	5349513
CIELab	60.51, -30.05, 4.55
CIElCh	61, 30.388, 171.397
Yxy	28.6983, 0.2649, 0.3712
Android (android.graphics.Color)	4283539593 (0xFF51A089)
YUV	133.7570, 1.5988, -46.2679
Hunter-Lab	53.5697, -25.5070, 6.3687

Details

The HunterLab color $[53.5697, -25.5070, 6.3687]$ is a dark color, and the websafe version is hex 339999 . A complement of this color would be $[37.8928, 27.6147, 3.3391]$, and the grayscale version is $[48.7360, -2.6004, 2.6479]$.

A 20% lighter version of the original color is $[75.8086, -30.0360, 8.0869]$, and $[34.0350, -20.6792, 4.9026]$ is the 20% darker color. If you saturate the color by 10%, you get $[52.8601, -28.5485, 7.4490]$, and if you desaturate by 10%, it is $[54.4307, -21.9316, 5.4257]$.

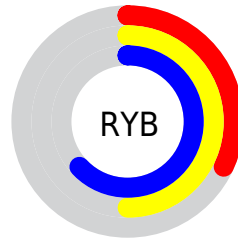
Distribution



Red (32%)

Green (63%)

Blue (54%)



Red (32%)

Yellow (50%)

Blue (63%)

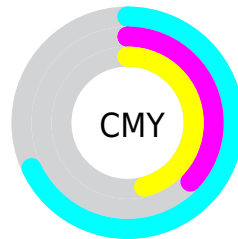


Cyan (49%)

Magenta (0%)

Yellow (14%)

Black (37%)



Cyan (68%)

Magenta (37%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 53.5697, -25.5070, 6.3687 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 53.5697, -25.5070, 6.3687 by changing the saturation by 10% instead.

■ 53.5697, -25.5070,
6.3687

■ 53.5697, -25.5070,
6.3687

171.9851,
-44.3184, 14.5526

■ 43.4197, -23.1372,
5.5664

■ 75.8929, -29.9859,
8.0376

■ 34.0057, -20.6400,
4.7824

■ 87.9884, -32.1319,
8.9040

■ 25.3918, -17.9667,
4.0146

■ 100.6659,
-34.2329, 9.7922

■ 17.6608, -15.0360,
3.2570

■ 113.8998,
-36.2978, 10.7019

■ 10.9279, -13.0331,
2.4974

■ 127.6676,
-38.3337, 11.6330

■ 2.3864, -4.1762,
1.6705

141.9494,

0.0000, NaN, NaN

-40.3463, 12.5854

0.0000, NaN, NaN

156.7273,
-42.3399, 13.5587

0.0000, NaN, NaN

■ 53.5697, -25.5070,
6.3687

■ 53.5697, -25.5070,
6.3687

■ 52.8601, -28.5485,
7.4490

■ 54.4307, -21.9316,
5.4257

■ 52.2933, -31.0491,
8.6482

■ 55.4426, -17.8401,
4.6308

■ 51.8620, -33.0209,
9.9467

■ 56.6071, -13.2635,
3.9932

■ 51.5544, -34.4957,
11.3207

■ 57.9230, -8.2400,
3.5181

■ 51.3394, -35.5893,
12.7275

■ 59.3873, -2.8132,
3.2067

■ 51.3267, -35.6545,
12.8140

■ 60.9960, 2.9713,
3.0576

■ 62.7442, 9.0679,
3.0666

■ 64.6260, 15.4323,
3.2275

■ 66.6354, 22.0236,
3.5329

Harmonies

Analogous

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



53.5708, -21.1150, 15.7868



53.5697, -25.5070, 6.3687



53.5708, -24.3036, -6.5562

Triad

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



53.5708, -25.5076, 6.3693



53.5708, 6.6159, -24.4496



53.5708, 13.7322, 18.4324

Complementary

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



53.5697, -25.5070, 6.3687



37.8928, 27.6147, 3.3391

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.



53.5708, 22.5946, 10.9228



53.5697, -25.5070, 6.3687



53.5708, 18.2199, -14.2410

Square

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



53.5708, -25.5076, 6.3693



53.5708, -6.5680, -26.5048



53.5708, 24.3112, -0.7837



53.5708, 0.9490, 21.5728

Rectangle

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



53.5697, -25.5070, 6.3687



53.5708, -20.4349, -15.4173



53.5708, 24.3112, -0.7837



53.5708, 17.3176, 16.4347

Sweetspot

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



53.5708, -25.5076, 6.3693



76.9755, -15.1763, 5.0925



53.5930, -27.6826, 23.9265



35.8882, -7.7226, 2.4479



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.



53.5708, -25.5076, 6.3693



71.1617, -38.7508, 10.1552



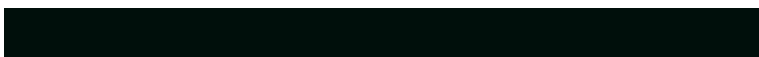
49.2906, -14.7617, -9.8920



27.3433, -3.8547, 1.6577



45.3088, -31.4146, 11.1831



6.1155, -3.8544, 0.6766

Inverse Universe

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



37.8928, 27.6147, 3.3391



46.4533, 45.9741, 6.0733



40.7197, 17.4632, 14.0616



25.8386, 1.1268, 1.2988



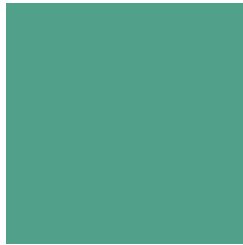
24.4662, 42.5701, 10.6085



3.3743, 6.0679, -0.0623

Previews

White Background



This preview shows how the HunterLab color 53.5697, -25.5070, 6.3687 looks on a white background.

Color Contrast Check

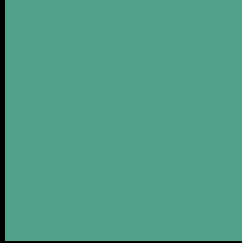
Large Text (above 18pt) WCAG AA ✓ Pass

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 53.5697, -25.5070, 6.3687 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

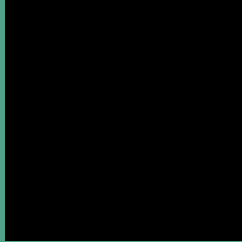
Any Text WCAG AA ✓ Pass

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 53.5697, -25.5070, 6.3687 Background



This preview shows how black text looks on a background with the HunterLab color 53.5697, -25.5070, 6.3687.



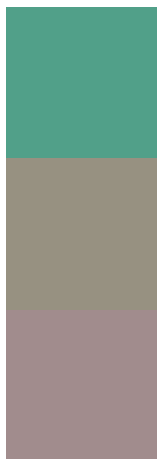
This preview shows how white text looks on a background with the HunterLab color 53.5697,

-25.5070, 6.3687.

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

53.5697, -25.5070, 6.3687

Protanopia

53.3058, -3.3740, 9.6873

Deuteranopia

53.1567, 3.9674, 4.7175



Tritanopia

53.6449, -16.7725, -8.1821

Trichromacy



Original Color

53.5697, -25.5070, 6.3687

Protanomaly

52.8339, -12.4719, 7.8404

Deuteranomaly

52.5989, -8.2834, 4.2990

Tritanomaly

53.4551, -19.8384, -2.7886

Monochromacy



Original Color

53.5697, -25.5070, 6.3687

Achromatopsia

48.8260, -2.6052, 2.6528

Achromatomaly

50.0390, -11.7083, 3.4695

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 53.5697, -25.5070, 6.3687 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(81, 160, 137)` looks like.

```
.text, #text, p{  
    color:rgb(81, 160, 137)  
}
```

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(81, 160, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 160, 137) }
```

Border

The CSS property to change the border of an element to HunterLab 53.5697, -25.5070, 6.3687 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(81, 160, 137) }
```


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

```
.border{ border-color:rgb(81, 160, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 160, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 160, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 160, 137);  
box-shadow:4px 4px 4px 4px rgb(81, 160,  
137) }
```

Background

The CSS property to change the background color of an element to HunterLab 53.5697, -25.5070, 6.3687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 160, 137) }
```

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

```
.background{ background-color: rgb(81, 160,  
137) }
```

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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