

Converting Colors

HunterLab(54.9050, -24.8604,
7.7938)

Have a look what the booklet for
HunterLab(54.9050, -24.8604,
7.7938) contains.

HunterLab(54.9770, -25.0170, 7.9150)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(54.9770,
-25.0170, 7.9150)**

Conversions

Conversions Part 1

Format	Color
Hex	5BA389
RGB	91, 163, 137
RGB Percent	36%, 64%, 54%
CMY	0.6431, 0.3608, 0.4627
CMYK	0.44, 0.00, 0.16, 0.36
HSL	158°, 28%, 50%
HSV	158°, 44%, 64%
XYZ	21.9270, 30.2247, 28.3452
YIQ	138.5080, -34.5660, -23.3500

Conversions

Conversions Part 2

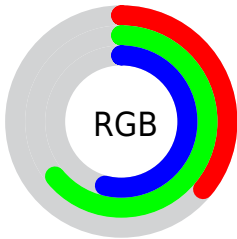
Format	Color
RYB	91, 135, 163
Decimal	6005641
CIELab	61.85, -28.90, 6.52
CIElCh	62, 29.622, 167.290
Yxy	30.2259, 0.2724, 0.3755
Android (android.graphics.Color)	4284195721 (0xFF5BA389)
YUV	138.5080, -0.7434, -41.6645
Hunter-Lab	54.9770, -25.0170, 7.9150

Details

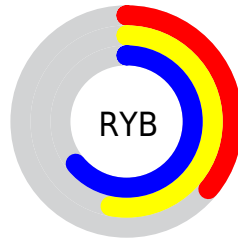
The HunterLab color **54.9770, -25.0170, 7.9150** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **40.6865, 25.5687, 0.9918**, and the grayscale version is **50.6295, -2.7015, 2.7508**.

A 20% lighter version of the original color is **77.3823, -29.2110, 9.8459**, and **35.2850, -20.4300, 6.2337** is the 20% darker color. If you saturate the color by 10%, you get **54.1490, -28.5657, 9.3102**, and if you desaturate by 10%, it is **55.9641, -20.9193, 6.6348**.

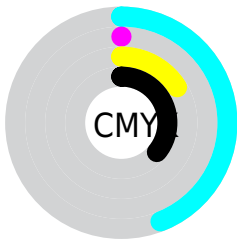
Distribution



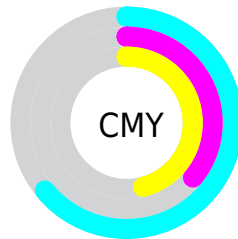
- Red (36%)
- Green (64%)
- Blue (54%)



- Red (36%)
- Yellow (53%)
- Blue (64%)



- Cyan (44%)
- Magenta (0%)
- Yellow (16%)
- Black (36%)



- Cyan (64%)
- Magenta (36%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 54.9770, -25.0170, 7.9150 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 54.9770, -25.0170, 7.9150 by changing the saturation by 10% instead.

■ 54.9770, -25.0170,
7.9150

■ 54.9770, -25.0170,
7.9150

174.0563,
-43.2849, 16.8961

■ 44.7327, -22.7356,
6.9976

■ 77.4721, -29.3445,
9.7922

■ 35.2171, -20.3388,
6.0888

■ 89.6469, -31.4239,
10.7541

■ 26.4922, -17.7833,
5.1835

■ 102.4000,
-33.4627, 11.7331

■ 18.6376, -14.9970,
4.2713

■ 115.7064,
-35.4693, 12.7297

■ 11.7630, -12.3704,
3.3318

129.5439,
-37.4501, 13.7442

■ 4.5239, -7.9169,
3.1667

143.8928,

0.0000, NaN, NaN

-39.4104, 14.7767

0.0000, NaN, NaN

158.7356,
-41.3541, 15.8274

0.0000, NaN, NaN

■ 54.9770, -25.0170,
7.9150

■ 54.9770, -25.0170,
7.9150

■ 54.1490, -28.5657,
9.3102

■ 55.9641, -20.9193,
6.6348

■ 53.4730, -31.5473,
10.8000

■ 57.1085, -16.2996,
5.4826

■ 52.9434, -33.9625,
12.3633

■ 58.4104, -11.1974,
4.4701

■ 52.5500, -35.8309,
13.9753

■ 59.8674, -5.6578,
3.6047

■ 52.2784, -37.1963,
15.6086

■ 61.4755, 0.2708,
2.8901

■ 52.1515, -37.8589,
16.5416

■ 63.2299, 6.5394,
2.3271

■ 65.1246, 13.1003,
1.9135

■ 67.1535, 19.9087,
1.6453

■ 69.3098, 26.9239,
1.5167

Harmonies

Analogous

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



54.9781, -19.9355, 16.6644



54.9770, -25.0170, 7.9150



54.9781, -24.5901, -4.4594

Triad

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



54.9781, -25.0177, 7.9156



54.9781, 4.5995, -24.5038



54.9781, 14.8419, 17.6105

Complementary

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



54.9770, -25.0170, 7.9150



40.6865, 25.5687, 0.9918

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.



54.9781, 22.6932, 9.5284



54.9770, -25.0170, 7.9150



54.9781, 16.4173, -15.4509

Square

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



54.9781, -25.0177, 7.9156



54.9781, -8.2664, -25.2189



54.9781, 23.2949, -2.4325



54.9781, 2.6046, 21.3344

Rectangle

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



54.9770, -25.0170, 7.9150



54.9781, -21.2409, -13.2322



54.9781, 23.2949, -2.4325



54.9781, 18.1285, 15.4104

Sweetspot

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



54.9781, -25.0177, 7.9156



78.3390, -14.3187, 5.8659



55.4623, -25.0425, 23.1561



36.9404, -7.5027, 2.9068



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.



54.9781, -25.0177, 7.9156



72.4826, -38.1449, 12.4227



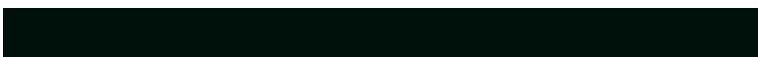
52.7099, -16.4430, -6.7859



28.2270, -4.0749, 1.9232



45.9845, -33.3154, 14.4418



6.7296, -4.4386, 1.1704

Inverse Universe

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



40.6865, 25.5687, 0.9918



49.8519, 42.6997, 1.9646



42.1575, 17.7173, 12.3669



26.6951, 1.2571, 1.1282



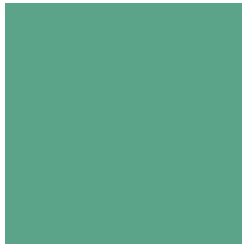
25.1077, 44.0028, 8.4323



3.7588, 6.8128, -0.4845

Previews

White Background



This preview shows how the HunterLab color 54.9770, -25.0170, 7.9150 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 54.9770, -25.0170, 7.9150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

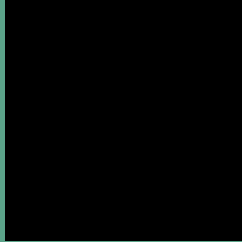
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

HunterLab 54.9770, -25.0170, 7.9150 Background



This preview shows how black text looks on a background with the HunterLab color 54.9770, -25.0170, 7.9150.



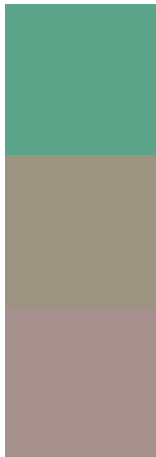
This preview shows how white text looks on a background with the HunterLab color 54.9770, -25.0170, 7.9150.

-25.0170, 7.9150.

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

54.9770, -25.0170, 7.9150

Protanopia

54.6193, -3.2194, 11.0549

Deuteranopia

54.7509, 3.6451, 6.5126



Tritanopia

54.8665, -15.2256, -8.0924

Trichromacy



Original Color

54.9770, -25.0170, 7.9150

Protanomaly

54.1793, -12.2117, 9.2822

Deuteranomaly

54.3283, -8.1785, 6.2568

Tritanomaly

54.9420, -18.9596, -1.8736

Monochromacy



Original Color

54.9770, -25.0170, 7.9150

Achromatopsia

50.8117, -2.7112, 2.7607

Achromatomaly

52.1079, -11.7038, 4.5449

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 54.9770, -25.0170, 7.9150 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(91, 163, 137)` looks like.

```
.text, #text, p{  
    color:rgb(91, 163, 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(91, 163, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 163, 137) }
```

Border

The CSS property to change the border of an element to HunterLab 54.9770, -25.0170, 7.9150 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(91, 163, 137) }
```


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

```
.border{ border-color:rgb(91, 163, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 163, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 163, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 163, 137);  
box-shadow:4px 4px 4px 4px rgb(91, 163,  
137) }
```

Background

The CSS property to change the background color of an element to HunterLab 54.9770, -25.0170, 7.9150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 163, 137) }
```

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

```
.background{ background-color: rgb(91, 163,  
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](#).

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