

Converting Colors

HunterLab(50.6246, -24.2519,
-4.5259)

Have a look what the booklet for
HunterLab(50.6246, -24.2519,
-4.5259) contains.

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Color

**HunterLab(50.6589,
-24.2855, -4.4811)**

Conversions

Conversions Part 1

Format	Color
Hex	2E9999
RGB	46, 153, 153
RGB Percent	18%, 60%, 60%
CMY	0.8196, 0.4000, 0.4000
CMYK	0.70, 0.00, 0.00, 0.40
HSL	180°, 54%, 39%
HSV	180°, 70%, 60%
XYZ	18.2677, 25.6632, 34.1278
YIQ	121.0070, -63.7720, -22.6840

Conversions

Conversions Part 2

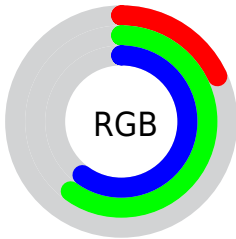
Format	Color
R_{YB}	46, 100, 153
Decimal	3053977
CIE _{Lab}	57.72, -29.19, -8.76
CIE _{LCh}	58, 30.479, 196.701
Y _{xy}	25.6642, 0.2340, 0.3288
Android (android.graphics.Color)	4281244057 (0xFF2E9999)
YUV	121.0070, 15.7725, -65.7811
Hunter-Lab	50.6589, -24.2855, -4.4811

Details

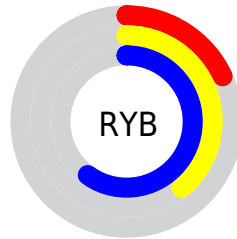
The HunterLab color **50.6589, -24.2855, -4.4811** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **29.8736, 35.0056, 13.8893**, and the grayscale version is **43.6891, -2.3311, 2.3737**.

A 20% lighter version of the original color is **72.6670, -28.9041, -3.8936**, and **32.0416, -16.7873, -3.8103** is the 20% darker color. If you saturate the color by 10%, you get **50.3686, -25.4265, -4.8837**, and if you desaturate by 10%, it is **51.0736, -22.6777, -3.9117**.

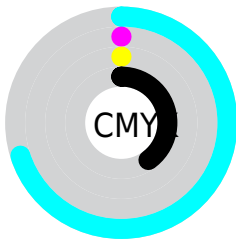
Distribution



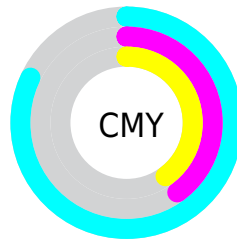
- Red (18%)
- Green (60%)
- Blue (60%)



- Red (18%)
- Yellow (39%)
- Blue (60%)



- Cyan (70%)
- Magenta (0%)
- Yellow (0%)
- Black (40%)



- Cyan (82%)
- Magenta (40%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.6589, -24.2855, -4.4811 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 50.6589, -24.2855, -4.4811 by changing the saturation by 10% instead.

■ 50.6589, -24.2855,
-4.4811

■ 50.6589, -24.2855,
-4.4811

167.6693,
-42.8190, -1.2653

■ 40.7095, -21.9406,
-4.5846

■ 72.6173, -28.7054,
-4.0915

■ 31.5123, -19.4629,
-4.6194

■ 84.5449, -30.8203,
-3.8172

■ 23.1360, -16.7986,
-4.5759

■ 97.0623, -32.8897,
-3.4950

■ 15.6706, -13.8556,
-4.4432

■ 110.1430,
-34.9230, -3.1283

■ 9.2429, -14.2564,
-4.2156

■ 123.7635,
-36.9274, -2.7198

0.0000, NaN, -NF

0.0000, NaN, NaN

137.9034,

-38.9086, -2.2718

0.0000, NaN, NaN

152.5442,
-40.8712, -1.7864

0.0000, NaN, NaN

■ 50.6589, -24.2855,
-4.4811

■ 50.6589, -24.2855,
-4.4811

■ 50.3686, -25.4265,
-4.8837

■ 51.0736, -22.6777,
-3.9117

■ 50.1879, -26.1383,
-5.1352

■ 51.6185, -20.5816,
-3.1699

■ 50.0838, -26.5493,
-5.2804

■ 52.3008, -17.9914,
-2.2526

■ 50.0831, -26.5520,
-5.2813

■ 53.1243, -14.9139,
-1.1618

■ 54.0906, -11.3672,
0.0965

■ 55.1998, -7.3781,
1.5135

■ 56.4501, -2.9799,
3.0778

■ 57.8386, 1.7903,
4.7768

■ 59.3613, 6.8931,
6.5968

Harmonies

Analogous

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



50.6599, -24.5985, 7.8767



50.6589, -24.2855, -4.4811



50.6599, -18.5765, -17.5278

Triad

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



50.6599, -24.2857, -4.4804



50.6599, 16.5803, -16.1771



50.6599, 3.1101, 20.7266

Complementary

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



50.6589, -24.2855, -4.4811



29.8736, 35.0056, 13.8893

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.



50.6599, 15.3966, 17.0661



50.6589, -24.2855, -4.4811



50.6599, 23.6807, -2.9587

Square

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



50.6599, -24.2857, -4.4804



50.6599, 4.5996, -25.3502



50.6599, 23.2271, 9.0636



50.6599, -9.6193, 20.5131

Rectangle

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



50.6589, -24.2855, -4.4811



50.6599, -12.1220, -23.9604



50.6599, 23.2271, 9.0636



50.6599, 7.4527, 19.9568

Sweetspot

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



50.6599, -24.2857, -4.4804



72.1810, -15.9546, -0.1344



48.5838, -36.9137, 26.1357



33.7608, -8.0718, -0.2671



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283

Same Dimension

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



50.6599, -24.2857, -4.4804



67.2487, -34.6378, -6.7516



34.9919, -2.2730, -29.5437



26.5077, -3.3952, 0.7764



45.5303, -24.1383, -4.8012



5.5670, -2.9514, -0.5871

Inverse Universe

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



29.8736, 35.0056, 13.8893



36.4079, 55.4081, 21.1992



39.5640, 11.8478, 20.7121



24.9453, 0.7738, 2.0607



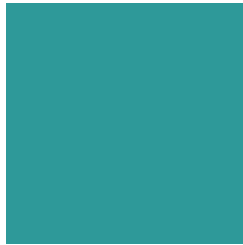
23.6584, 40.5157, 15.2874



2.8927, 4.9539, 1.8691

Previews

White Background



This preview shows how the HunterLab color 50.6589, -24.2855, -4.4811 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 50.6589, -24.2855, -4.4811 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

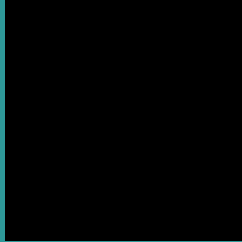
Any Text WCAG AA ✓ Pass

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 50.6589, -24.2855, -4.4811 Background



This preview shows how black text looks on a background with the HunterLab color 50.6589, -24.2855, -4.4811.



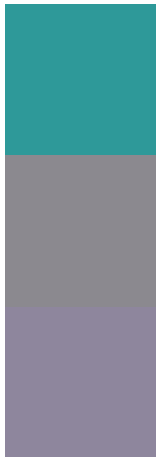
This preview shows how white text looks on a background with the HunterLab color 50.6589,

-24.2855, -4.4811.

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

50.6589, -24.2855, -4.4811

Protanopia

50.3621, -1.1168, 0.4200

Deuteranopia

50.2347, 3.6448, -6.6300



Tritanopia

50.5407, -20.6934, -10.4214

Trichromacy



Original Color

50.6589, -24.2855, -4.4811

Protanomaly

49.7542, -12.0357, -2.4467

Deuteranomaly

49.5740, -9.0195, -7.2274

Tritanomaly

50.6682, -22.1256, -8.0828

Monochromacy



Original Color

50.6589, -24.2855, -4.4811

Achromatopsia

43.7266, -2.3331, 2.3758

Achromatomaly

45.6598, -12.5183, -0.8982

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.6589, -24.2855, -4.4811 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(46, 153, 153)` looks like.

```
.text, #text, p{  
    color:rgb(46, 153, 153)  
}
```

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(46, 153, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 153, 153) }
```

Border

The CSS property to change the border of an element to HunterLab 50.6589, -24.2855, -4.4811 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(46, 153, 153) }
```


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

```
.border{ border-color:rgb(46, 153, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 153, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 153, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 153, 153);  
box-shadow:4px 4px 4px 4px rgb(46, 153,  
153) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.6589, -24.2855, -4.4811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 153, 153) }
```

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

```
.background{ background-color: rgb(46, 153,  
153) }
```

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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