

# Converting Colors

HunterLab(48.8857, -25.5167,  
29.4580)

Have a look what the booklet for  
HunterLab(48.8857, -25.5167,  
29.4580) contains.

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# Color

**HunterLab(48.9963,  
-25.5226, 29.5360)**

# Conversions

Conversions Part 1	
Format	Color
Hex	6B9306
RGB	107, 147, 6
RGB Percent	42%, 58%, 2%
CMY	0.5804, 0.4235, 0.9764
CMYK	0.27, 0.00, 0.96, 0.42
HSL	77°, 92%, 30%
HSV	77°, 96%, 58%
XYZ	16.5300, 24.0064, 3.9348
YIQ	118.9660, 21.4210, -52.3310

# Conversions

## Conversions Part 2

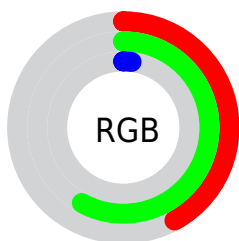
Format	Color
<a href="#">RYB</a>	<a href="#">6, 147, 46</a>
Decimal	<a href="#">7049990</a>
CIELab	<a href="#">56.10, -31.66, 58.18</a>
CIELCh	<a href="#">56, 66.234, 118.555</a>
Yxy	<a href="#">24.0074, 0.3717, 0.5398</a>
Android (android.graphics.Color)	<a href="#">4285240070</a> (0xFF6B9306)
YUV	<a href="#">118.9660, -55.6922, -10.4942</a>
Hunter-Lab	<a href="#">48.9963, -25.5226, 29.5360</a>

# Details

The HunterLab color **48.9963, -25.5226, 29.5360** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **16.7880, 39.3007, -86.4601**, and the grayscale version is **43.1417, -2.3019, 2.3440**.

A 20% lighter version of the original color is **70.6559, -30.2832, 37.8630**, and **30.2037, -19.4593, 18.2707** is the 20% darker color. If you saturate the color by 10%, you get **48.8770, -26.0266, 29.6621**, and if you desaturate by 10%, it is **49.3074, -24.2241, 29.1225**.

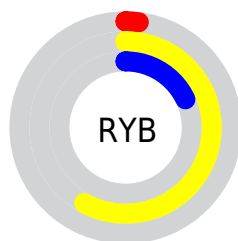
# Distribution



Red (42%)

Green (58%)

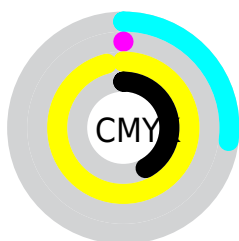
Blue (2%)



Red (2%)

Yellow (58%)

Blue (18%)

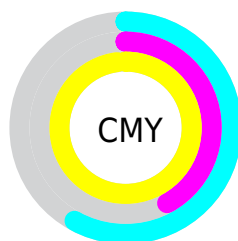


Cyan (27%)

Magenta (0%)

Yellow (96%)

Black (42%)



Cyan (58%)

Magenta (42%)


Yellow (98%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.9963, -25.5226, 29.5360 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 48.9963, -25.5226, 29.5360 by changing the saturation by 10% instead.





 48.9963, -25.5226,  
29.5360


 48.9963, -25.5226,  
29.5360


165.1842,  
-45.2196, 62.6852


 39.1652, -22.9923,  
25.0088


 70.7406, -30.2651,  
37.9018

 30.0961, -20.3031,  
20.5086


 82.5698, -32.5221,  
41.8028


 21.8606, -17.3915,  
15.3024

 94.9935, -34.7243,  
45.5526

 14.5537, -14.1460,  
10.1876

 107.9844,  
-36.8825, 49.1732

 8.2145, -14.3754,  
5.7502

 121.5189,  
-39.0051, 52.6828

0.0000, NaN, NaN

0.0000, NaN, NaN

 135.5758,

-41.0988, 56.0966

0.0000, NaN, NaN

150.1366,  
-43.1688, 59.4272

0.0000, NaN, NaN

48.9963, -25.5226,  
29.5360

48.9963, -25.5226,  
29.5360

48.8770, -26.0266,  
29.6621

49.3074, -24.2241,  
29.1225

49.6592, -22.7094,  
28.2652

50.0580, -20.9532,  
26.8895

50.5069, -18.9427,  
24.9532

51.0082, -16.6706,  
22.4269

■ 51.5636, -14.1338,  
19.2916

■ 52.1742, -11.3330,  
15.5376

■ 52.8407, -8.2721,  
11.1626

■ 53.5635, -4.9574,  
6.1712

# Harmonies

## Analogous

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



48.9974, -1.2695, 31.0699



48.9963, -25.5226, 29.5360



48.9974, -40.2183, 22.3919

# Triad

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



48.9974, -25.5238, 29.5362



48.9974, -27.3771, -63.0521



48.9974, 62.6453, 1.3748

# Complementary

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



48.9963, -25.5226, 29.5360



16.7880, 39.3007, -86.4601

# 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.



48.9974, 51.4759, -31.7225



48.9963, -25.5226, 29.5360



48.9974, -3.9501, -79.5861

# Square

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



48.9974, -25.5238, 29.5362



48.9974, -41.1097, -28.1810



48.9974, 25.4669, -65.7748



48.9974, 53.3565, 21.2031



# Rectangle

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



48.9963, -25.5226, 29.5360



48.9974, -44.5883, 11.6767



48.9974, 25.4669, -65.7748



48.9974, 61.1201, -8.4642

# Sweetspot

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



48.9974, -25.5238, 29.5362



69.5096, -16.5879, 22.7405



28.5785, 31.4445, 17.8023



33.0594, -8.6189, 11.7902



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765



# Same Dimension

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



48.9974, -25.5238, 29.5362



65.3360, -35.1100, 39.6451



46.1160, -37.2957, 27.5416



25.8125, -2.9423, 3.8169



45.5224, -24.1768, 27.6274



5.1824, -2.1059, 3.1565



# Inverse Universe

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



16.7880, 39.3007, -86.4601



21.3640, 54.2446, -123.0786



24.4570, 49.1257, -50.9916



23.8912, 0.3652, -1.3277



15.0300, 37.8900, -84.4782



2.0255, 4.5723, -7.2454



# Previews

## White Background



This preview shows how the HunterLab color 48.9963, -25.5226, 29.5360 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 48.9963, -25.5226, 29.5360 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

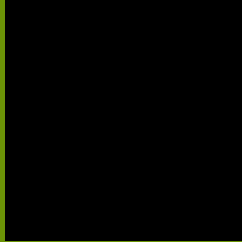
Any Text WCAG AA ✓ Pass

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 48.9963, -25.5226, 29.5360 Background



This preview shows how black text looks on a background with the HunterLab color 48.9963, -25.5226, 29.5360.



This preview shows how white text looks on a background with the HunterLab color 48.9963, -25.5226, 29.5360.

-25.5226, 29.5360.

# 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

48.9963, -25.5226, 29.5360

### Protanopia

48.6102, -6.8983, 29.8326

### Deuteranopia





48.6802, 3.4036, 28.7180






## Tritanopia

49.0860, -5.2577, -3.6866

# Trichromacy

	<b>Original Color</b> 48.9963, -25.5226, 29.5360
	<b>Protanomaly</b> 48.6009, -14.4050, 29.6254
	<b>Deuteranomaly</b> 48.1785, -8.3404, 28.7269
	<b>Tritanomaly</b> 48.5873, -15.8184, 16.1584

# Monochromacy

	<b>Original Color</b> 48.9963, -25.5226, 29.5360
	<b>Achromatopsia</b> 42.9506, -2.2917, 2.3336
	<b>Achromatomaly</b> 44.6043, -12.8446, 17.6792

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 48.9963, -25.5226, 29.5360 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(107, 147, 6)` looks like.

```
.text, #text, p{  
    color:rgb(107, 147, 6)  
}
```

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(107, 147, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 147, 6) }
```

## Border

The CSS property to change the border of an element to HunterLab 48.9963, -25.5226, 29.5360 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(107, 147, 6) }
```



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

```
.border{ border-color:rgb(107, 147, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 147, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 147, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 147, 6);  
box-shadow:4px 4px 4px 4px rgb(107, 147,  
6) }
```

# Background

The CSS property to change the background color of an element to HunterLab 48.9963, -25.5226, 29.5360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 147, 6) }
```

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

```
.background{ background-color: rgb(107,  
147, 6) }
```

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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