

Converting Colors

HunterLab(77.5830, -26.2402,
43.1007)

Have a look what the booklet for
HunterLab(77.5830, -26.2402,
43.1007) contains.

HunterLab(77.5403, -26.0580, 43.0187)	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(77.5403,
-26.0580, 43.0187)**

Conversions

Conversions Part 1	
Format	Color
Hex	C3D645
RGB	195, 214, 69
RGB Percent	76%, 84%, 27%
CMY	0.2353, 0.1608, 0.7294
CMYK	0.09, 0.00, 0.68, 0.16
HSL	68°, 64%, 55%
HSV	68°, 68%, 84%
XYZ	47.6265, 60.1250, 14.7253
YIQ	191.7890, 35.2210, -49.1230

Conversions

Conversions Part 2

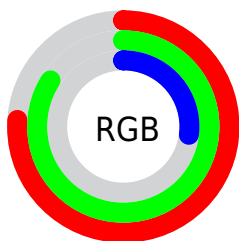
Format	Color
RYB	69, 214, 88
Decimal	12834373
CIELab	81.91, -24.87, 66.14
CIELCh	82, 70.667, 110.610
Yxy	60.1277, 0.3889, 0.4909
Android (android.graphics.Color)	4291024453 (0xFFC3D645)
YUV	191.7890, -60.5350, 2.8160
Hunter-Lab	77.5403, -26.0580, 43.0187

Details

The HunterLab color **77.5403, -26.0580, 43.0187** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **33.4476, 39.0872, -91.4833**, and the grayscale version is **72.7523, -3.8819, 3.9528**.

A 20% lighter version of the original color is **96.9905, -21.8863, 47.5215**, and **54.9541, -21.8537, 33.4799** is the 20% darker color. If you saturate the color by 10%, you get **77.1609, -27.7826, 44.9438**, and if you desaturate by 10%, it is **77.9874, -23.9864, 40.2127**.

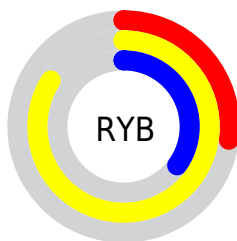
Distribution



Red (76%)

Green (84%)

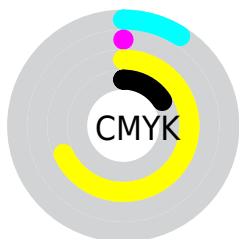
Blue (27%)



Red (27%)

Yellow (84%)

Blue (35%)

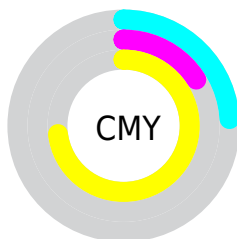


Cyan (9%)

Magenta (0%)

Yellow (68%)

Black (16%)



Cyan (24%)


Magenta (16%)


Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 77.5403, -26.0580, 43.0187 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 77.5403, -26.0580, 43.0187 by changing the saturation by 10% instead.


 77.5403, -26.0580,
43.0187


 77.5403, -26.0580,
43.0187


206.1719,
-42.2600, 77.2321

 65.9709, -24.1512,
38.5555


 102.4768,
-29.7730, 51.4211


 55.0405, -22.1920,
33.8818


 115.7864,
-31.5919, 55.4044

 44.7909, -20.1664,
28.9725


 129.6269,
-33.3934, 59.2672

 35.2709, -18.0508,
23.9715

 143.9788,
-35.1815, 63.0248

 26.5411, -15.8088,
18.5788

 158.8245,
-36.9598, 66.6900

 18.6811, -13.3810,
13.0768


174.1480,

 11.8004, -10.8832,


-38.7308, 70.2736


8.2603


189.9348,
-40.4969, 73.7850


 4.5954, -8.0420,
3.2168


0.0000, NaN, NaN


 77.5403, -26.0580,
43.0187


 77.5403, -26.0580,
43.0187


 77.1609, -27.7826,
44.9438


 77.9874, -23.9864,
40.2127


 76.8376, -29.1843,
46.0727


 78.5016, -21.5383,
36.4602


 76.5630, -30.3160,
46.5402


 79.0885, -18.7008,
31.7151


 76.5045, -30.5534,
46.6068

 79.7513, -15.4647,
25.9458

 80.4921, -11.8257,
19.1338

 81.3128, -7.7843,
11.2725

 82.2145, -3.3449,
2.3660

 83.1979, 1.4845,
-7.5727

 84.0059, 5.3149,
-14.9155

Harmonies

Analogous

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



77.5421, 6.9384, 44.1553



77.5403, -26.0580, 43.0187



77.5421, -48.8924, 34.4563

Triad

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



77.5421, -26.0604, 43.0192



77.5421, -41.7820, -61.7804



77.5421, 72.4256, -6.7530

Complementary

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



77.5403, -26.0580, 43.0187



33.4476, 39.0872, -91.4833

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.



77.5421, 53.8288, -47.2119



77.5403, -26.0580, 43.0187



77.5421, -14.6324, -86.9484

Square

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



77.5421, -26.0604, 43.0192



77.5421, -56.8110, -21.3298



77.5421, 20.5196, -80.6916



77.5421, 67.9183, 23.2495

Rectangle

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



77.5403, -26.0580, 43.0187



77.5421, -57.1527, 22.3263



77.5421, 20.5196, -80.6916



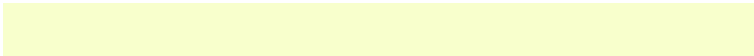
77.5421, 68.5627, -19.6864

Sweetspot

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



77.5421, -26.0604, 43.0192



97.9254, -15.5507, 25.4809



46.2275, 43.1631, 22.0186



45.1847, -7.7847, 12.8987

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



77.5421, -26.0604, 43.0192



93.9250, -34.6165, 55.4741



72.7013, -44.9276, 39.4194



37.9915, -3.9716, 5.9232



59.5043, -23.6486, 36.2523



14.6939, -5.5026, 8.9580

Inverse Universe

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



33.4476, 39.0872, -91.4833



32.9969, 61.6357, -148.5830



40.5267, 54.3883, -67.1536



34.7648, 0.2232, -2.3440



17.6342, 46.8399, -117.6019



4.6224, 11.7450, -26.6952

Previews

White Background



This preview shows how the HunterLab color 77.5403, -26.0580, 43.0187 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 77.5403, -26.0580, 43.0187 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 77.5403, -26.0580, 43.0187 Background



This preview shows how black text looks on a background with the HunterLab color 77.5403, -26.0580, 43.0187.



This preview shows how white text looks on a background with the HunterLab color 77.5403, -26.0580, 43.0187.

-26.0580, 43.0187.

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

77.5403, -26.0580, 43.0187

Protanopia

77.5068, -9.9583, 43.6422

Deuteranopia


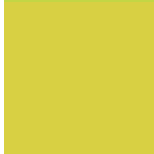
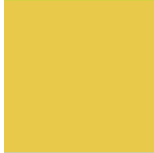
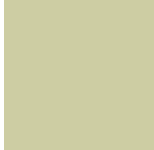
77.1650, 5.7961, 42.3966



Tritanopia

77.4390, 1.9249, -1.9887

Trichromacy

	Original Color 77.5403, -26.0580, 43.0187
	Protanomaly 77.5345, -16.2289, 43.4316
	Deuteranomaly 77.0780, -6.6633, 42.5298
	Tritanomaly 76.9975, -10.4429, 20.5810

Monochromacy

	Original Color 77.5403, -26.0580, 43.0187
	Achromatopsia 72.6027, -3.8739, 3.9446
	Achromatomaly 73.9950, -13.9094, 23.2338

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 77.5403, -26.0580, 43.0187 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(195, 214, 69)` looks like.

```
.text, #text, p{  
    color:rgb(195, 214, 69)  
}
```

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(195, 214, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 214, 69) }
```

Border

The CSS property to change the border of an element to HunterLab 77.5403, -26.0580, 43.0187 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(195, 214, 69) }
```


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

```
.border{ border-color:rgb(195, 214, 69) }
```

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

Here you see how a box with a 4 pixel rgb(195, 214, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 214, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 214, 69);  
box-shadow:4px 4px 4px 4px rgb(195, 214,  
69) }
```

Background

The CSS property to change the background color of an element to HunterLab 77.5403, -26.0580, 43.0187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 214, 69) }
```

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

```
.background{ background-color: rgb(195,  
214, 69) }
```

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