

Converting Colors

HunterLab(77.3427, 5.4271,
45.3507)

Have a look what the booklet for
HunterLab(77.3427, 5.4271,
45.3507) contains.

HunterLab(77.2263, 5.6351, 45.2806)	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(77.2263, 5.6351,
45.2806)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC133
RGB	255, 193, 51
RGB Percent	100%, 76%, 20%
CMY	0.0000, 0.2431, 0.8000
CMYK	0.00, 0.24, 0.80, 0.00
HSL	42°, 100%, 60%
HSV	42°, 80%, 100%
XYZ	60.9076, 59.6390, 11.4333
YIQ	195.3500, 82.5340, -31.0180

Conversions

Conversions Part 2

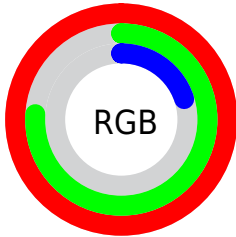
Format	Color
R_{YB}	140, 255, 51
Decimal	16761139
CIE _{Lab}	81.64, 10.20, 73.99
CIE _{LCh}	82, 74.691, 82.153
Yxy	59.6420, 0.4615, 0.4519
Android (android.graphics.Color)	4294951219 (0xFFFFC133)
YUV	195.3500, -71.1645, 52.3131
Hunter-Lab	77.2263, 5.6351, 45.2806

Details

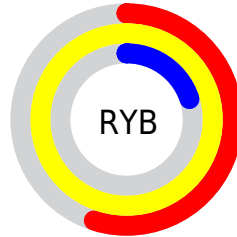
The HunterLab color **77.2263, 5.6351, 45.2806** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **44.4226, 24.0031, -98.4772**, and the grayscale version is **74.2909, -3.9640, 4.0364**.

A 20% lighter version of the original color is **94.9292, -19.6920, 49.1139**, and **54.8577, 6.0745, 33.9094** is the 20% darker color. If you saturate the color by 10%, you get **74.9254, 9.0203, 45.5760**, and if you desaturate by 10%, it is **79.6546, 2.6609, 43.9711**.

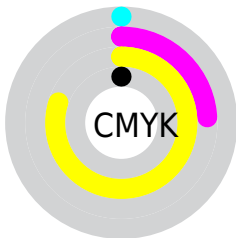
Distribution



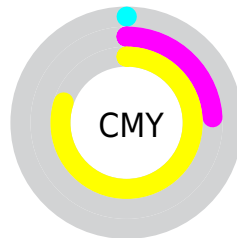
- Red (100%)
- Green (76%)
- Blue (20%)



- Red (55%)
- Yellow (100%)
- Blue (20%)



- Cyan (0%)
- Magenta (24%)
- Yellow (80%)
- Black (0%)




- Cyan (0%)
- Magenta (24%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 77.2263, 5.6351, 45.2806 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 77.2263, 5.6351, 45.2806 by changing the saturation by 10% instead.


 77.2263, 5.6351,
45.2806


 77.2263, 5.6351,
45.2806

205.7369, 2.3807,
83.0744

 65.6735, 5.7608,
40.3362

 102.1323, 5.2102,
54.5939

 54.7606, 5.8290,
35.1691


 115.4276, 4.9267,
59.0052


 44.5296, 5.8288,
29.7664


 129.2543, 4.5991,
63.2788

 35.0296, 5.7508,
24.5207

 143.5930, 4.2300,
67.4308

 26.3217, 5.5824,
18.4252

 158.4258, 3.8217,
71.4751

 18.4860, 5.3053,
12.9402

173.7368, 3.3763,

 11.6331, 4.8920,

75.4238

8.1432

189.5116, 2.8954,
79.2872

■ 4.2651, 10.1903,
2.9856

0.0000, NaN, NaN

■ 77.2263, 5.6351,
45.2806

■ 77.2263, 5.6351,
45.2806

■ 74.9254, 9.0203,
45.5760

■ 79.6546, 2.6609,
43.9711

■ 72.7361, 12.7477,
45.0427

■ 82.2058, 0.1406,
41.5901

■ 72.7356, 12.7485,
45.0426

■ 84.8810, -1.9144,
38.1237

■ 87.6775, -3.5005,
33.5842

■ 90.5919, -4.6227,
28.0010

■ 93.6202, -5.2920,
21.4151

■ 96.7579, -5.5236,
13.8746

99.9999, -5.3360,
5.4331

Harmonies

Analogous

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



77.2282, 43.5043, 40.3896



77.2263, 5.6351, 45.2806



77.2282, -28.7082, 43.8679

Triad

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



77.2282, 5.6314, 45.2813



77.2282, -58.6951, -25.2386



77.2282, 59.0391, -48.5990

Complementary

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



77.2263, 5.6351, 45.2806



44.4226, 24.0031, -98.4772

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.



77.2282, 23.9790, -85.9694



77.2263, 5.6351, 45.2806



77.2282, -42.4335, -68.6980

Square

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



77.2282, 5.6314, 45.2813



77.2282, -61.7920, 12.7256



77.2282, -13.4196, -94.6579



77.2282, 77.8399, -5.4156

Rectangle

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



77.2263, 5.6351, 45.2806



77.2282, -45.5856, 38.9918



77.2282, -13.4196, -94.6579



77.2282, 48.4873, -62.9459

Sweetspot

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



77.2282, 5.6314, 45.2813



92.3951, -5.0776, 24.1683



49.8796, 75.7281, 12.5645



42.2484, -2.2331, 12.2546

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



77.2282, 5.6314, 45.2813



73.6006, 11.2329, 45.3130



93.0605, -37.8882, 54.6843



44.8376, -2.5557, 6.2359



52.8390, 8.7226, 32.7119



17.0622, 1.6614, 10.5427

Inverse Universe

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



44.4226, 24.0031, -98.4772



37.0391, 38.2855, -127.9491



34.1798, 61.8504, -141.9662



42.7525, -1.9469, -1.7732



26.0975, 29.2287, -95.7159



9.1967, 6.3727, -25.2519

Previews

White Background



This preview shows how the HunterLab color 77.2263, 5.6351, 45.2806 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 77.2263, 5.6351, 45.2806 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 77.2263, 5.6351, 45.2806 Background



This preview shows how black text looks on a background with the HunterLab color 77.2263, 5.6351, 45.2806.



This preview shows how white text looks on a background with the HunterLab color 77.2263, 5.6351,

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

77.2263, 5.6351, 45.2806

Protanopia

77.4248, -10.4138, 44.8539

Deuteranopia

77.2564, 5.7962, 44.8352



Tritanopia

77.1240, 22.9501, 8.2342

Trichromacy



Original Color

77.2263, 5.6351, 45.2806

Protanomaly

77.2934, -4.6523, 44.9628

Deuteranomaly

77.2439, 5.7297, 45.0188

Tritanomaly

76.6706, 14.7536, 27.4067

Monochromacy



Original Color

77.2263, 5.6351, 45.2806

Achromatopsia

73.8732, -3.9417, 4.0137

Achromatomaly

74.3764, -3.2851, 25.0573

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 77.2263, 5.6351, 45.2806 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(255, 193, 51)` looks like.

```
.text, #text, p{  
    color:rgb(255, 193, 51)  
}
```

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(255, 193, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 193, 51) }
```

Border

The CSS property to change the border of an element to HunterLab 77.2263, 5.6351, 45.2806 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(255, 193, 51) }
```


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

```
.border{ border-color:rgb(255, 193, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 193, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 193, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 193, 51);  
box-shadow:4px 4px 4px 4px rgb(255, 193,  
51) }
```

Background

The CSS property to change the background color of an element to HunterLab 77.2263, 5.6351, 45.2806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 193, 51) }
```

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

```
.background{ background-color: rgb(255,  
193, 51) }
```

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