

Converting Colors

HunterLab(77.3793, -5.8356,
20.3030)

Have a look what the booklet for
HunterLab(77.3793, -5.8356,
20.3030) contains.

HunterLab(77.3793, -5.8356, 20.3030)	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(77.3793, -5.8356,
20.3030)**

Conversions

Conversions Part 1

Format	Color
Hex	D7CBA5
RGB	215, 203, 165
RGB Percent	84%, 80%, 65%
CMY	0.1569, 0.2039, 0.3529
CMYK	0.00, 0.06, 0.23, 0.16
HSL	46°, 38%, 75%
HSV	46°, 23%, 84%
XYZ	56.1718, 59.8756, 44.1939
YIQ	202.2560, 19.3500, -9.2740

Conversions

Conversions Part 2

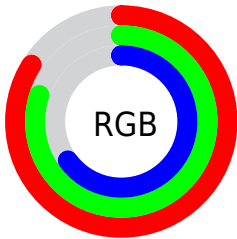
Format	Color
RYB	181, 215, 165
Decimal	14142373
CIELab	81.77, -1.83, 20.49
CIELCh	82, 20.572, 95.110
Yxy	59.8783, 0.3505, 0.3737
Android (android.graphics.Color)	4292332453 (0xFFD7CBA5)
YUV	202.2560, -18.3672, 11.1765
Hunter-Lab	77.3793, -5.8356, 20.3030

Details

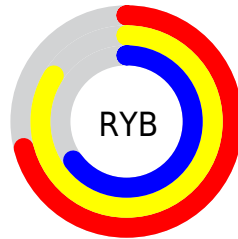
The HunterLab color **77.3793, -5.8356, 20.3030** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **66.5950, 0.0682, -16.2014**, and the grayscale version is **77.0326, -4.1103, 4.1853**.

A 20% lighter version of the original color is **98.9683, -11.0173, 20.2271**, and **54.9188, -4.3685, 16.8980** is the 20% darker color. If you saturate the color by 10%, you get **75.3419, -5.8549, 25.7156**, and if you desaturate by 10%, it is **79.5017, -5.4543, 14.0398**.

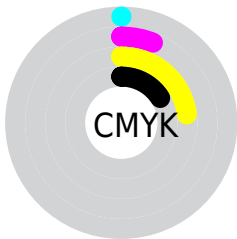
Distribution



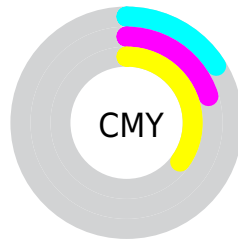
- Red (84%)
- Green (80%)
- Blue (65%)



- Red (71%)
- Yellow (84%)
- Blue (65%)



- Cyan (0%)
- Magenta (6%)
- Yellow (23%)
- Black (16%)



- Cyan (16%)
- Magenta (20%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 77.3793, -5.8356, 20.3030 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 77.3793, -5.8356, 20.3030 by changing the saturation by 10% instead.

■ 77.3793, -5.8356,
20.3030

■ 77.3793, -5.8356,
20.3030

205.9487,
-13.3676, 34.8911

■ 65.8183, -5.1300,
18.6109

■ 102.3001, -7.3365,
23.6119

■ 54.8969, -4.4510,
16.8788

■ 115.6023, -8.1255,
25.2402

■ 44.6569, -3.8019,
15.0931

129.4358, -8.9397,
26.8580

■ 35.1470, -3.1839,
13.2329

143.7809, -9.7786,
28.4687

■ 26.4285, -2.5979,
11.2669

158.6199,
-10.6414, 30.0753

■ 18.5809, -2.0448,
9.1451

173.9371,

■ 11.7145, -1.5244,

-11.5276, 31.6800

8.2001

189.7177,
-12.4365, 33.2848

■ 4.4291, -2.0392,
3.1004

0.0000, NaN, NaN

■ 77.3793, -5.8356,
20.3030

■ 77.3793, -5.8356,
20.3030

■ 75.3419, -5.8549,
25.7156

■ 79.5017, -5.4543,
14.0398

■ 73.3860, -5.4978,
30.2477

■ 81.7017, -4.7142,
6.9557

■ 71.5147, -4.7632,
33.8821

■ 83.9787, -3.6303,
-0.9119

■ 69.7285, -3.6531,
36.6124

■ 86.3302, -2.2163,
-9.5241

68.0272, -2.1761,
38.4487

88.0867, -4.1218,
-9.4728

66.4089, -0.3502,
39.4245

89.7142, -6.8128,
-7.3619

64.8697, 1.7935,
39.6076

91.3594, -9.4863,
-5.2689

63.8679, 3.3684,
39.4140

93.0220, -12.1425,
-3.1936

94.7012, -14.7815,
-1.1358

Harmonies

Analogous

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



77.3810, 4.1262, 19.0337



77.3793, -5.8356, 20.3030



77.3810, -14.8832, 17.7296

Triad

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



77.3810, -5.8379, 20.3040



77.3810, -19.2412, -7.0625



77.3810, 14.0909, -3.8876

Complementary

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



77.3793, -5.8356, 20.3030



66.5950, 0.0682, -16.2014

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.



77.3810, 7.2381, -12.2928



77.3793, -5.8356, 20.3030



77.3810, -12.0597, -14.2828

Square

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



77.3810, -5.8379, 20.3040



77.3810, -22.3666, 2.5654



77.3810, -2.4132, -16.3085



77.3810, 15.9628, 5.8233

Rectangle

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



77.3793, -5.8356, 20.3030



77.3810, -19.2801, 13.9603



77.3810, -2.4132, -16.3085



77.3810, 12.2770, -6.9967

Sweetspot

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



77.3810, -5.8379, 20.3040



98.0823, -6.1111, 11.8289



66.7476, 15.4759, 4.2196



45.3019, -2.8537, 5.7174

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



77.3810, -5.8379, 20.3040



92.6162, -7.1485, 28.0551



79.9652, -15.8608, 22.6023



37.4052, -2.4267, 5.3159



49.5677, 2.2987, 30.5837



12.6733, -0.2981, 7.8040

Inverse Universe

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



66.5950, 0.0682, -16.2014



76.8168, 1.6123, -25.6593



64.2054, 9.8754, -19.6324



35.3379, -1.3167, -1.6325



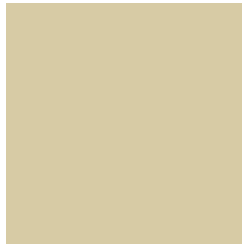
21.2594, 31.0489, -93.5980



6.3467, 4.5139, -17.6770

Previews

White Background



This preview shows how the HunterLab color 77.3793, -5.8356, 20.3030 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 77.3793, -5.8356, 20.3030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

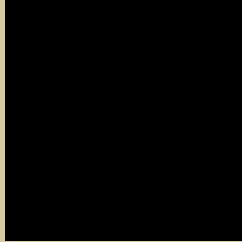
Any Text WCAG AA ✓ Pass

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 77.3793, -5.8356, 20.3030 Background



This preview shows how black text looks on a background with the HunterLab color 77.3793, -5.8356, 20.3030.

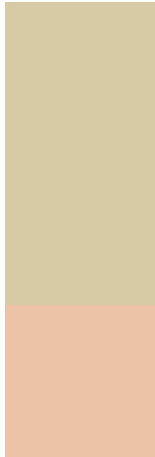


This preview shows how white text looks on a background with the HunterLab color 77.3793, -5.8356,

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

77.3793, -5.8356, 20.3030

Protanopia

77.3793, -5.8356, 20.3030

Deuteranopia

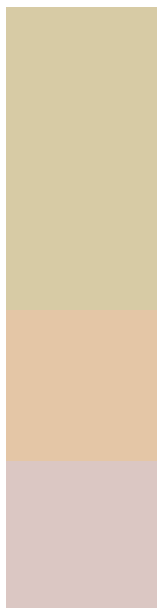
77.2354, 6.0061, 19.6325



Tritanopia

77.4972, 6.4221, 0.2123

Trichromacy



Original Color

77.3793, -5.8356, 20.3030

Protanomaly

77.3793, -5.8356, 20.3030

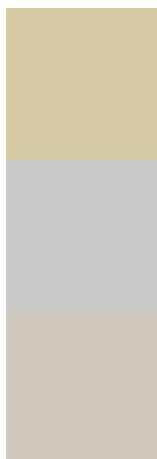
Deuteranomaly

77.2239, 1.4006, 19.9113

Tritanomaly

77.3609, 1.8773, 8.1328

Monochromacy



Original Color

77.3793, -5.8356, 20.3030

Achromatopsia

76.8517, -4.1006, 4.1755

Achromatomaly

76.9289, -4.5994, 10.2175

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 77.3793, -5.8356, 20.3030 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(215, 203, 165)` looks like.

```
.text, #text, p{  
    color:rgb(215, 203, 165)  
}
```

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(215, 203, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 203, 165) }
```

Border

The CSS property to change the border of an element to HunterLab 77.3793, -5.8356, 20.3030 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(215, 203, 165) }
```


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

```
.border{ border-color:rgb(215, 203, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 203, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 203, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 203, 165);  
box-shadow:4px 4px 4px 4px rgb(215, 203,  
165) }
```

Background

The CSS property to change the background color of an element to HunterLab 77.3793, -5.8356, 20.3030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 203, 165) }
```

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

```
.background{ background-color: rgb(215,  
203, 165) }
```

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