

Converting Colors

HunterLab(23.7677, 19.9781,
5.1739)

Have a look what the booklet for
HunterLab(23.7677, 19.9781,
5.1739) contains.

HunterLab(23.7771, 20.0291, 5.0203)	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(23.7771, 20.0291,
5.0203)**

Conversions

Conversions Part 1

Format	Color
Hex	6E2F3A
RGB	110, 47, 58
RGB Percent	43%, 18%, 23%
CMY	0.5686, 0.8157, 0.7725
CMYK	0.00, 0.57, 0.47, 0.57
HSL	350°, 40%, 31%
HSV	350°, 57%, 43%
XYZ	8.2106, 5.6535, 4.6614
YIQ	67.0910, 34.0170, 16.7770

Conversions

Conversions Part 2

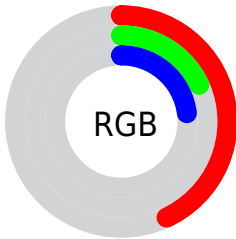
Format	Color
R_{YB}	110, 47, 58
Decimal	7221050
CIE Lab	28.52, 29.13, 6.80
CIE LCh	29, 29.909, 13.133
Yxy	5.6538, 0.4432, 0.3052
Android (android.graphics.Color)	4285411130 (0xFF6E2F3A)
YUV	67.0910, -4.4819, 37.6312
Hunter-Lab	23.7771, 20.0291, 5.0203

Details

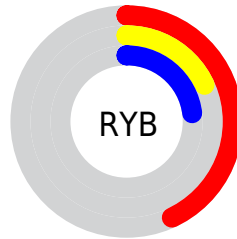
The HunterLab color **23.7771, 20.0291, 5.0203** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **35.5769, -17.1006, 1.9492**, and the grayscale version is **23.7308, -1.2662, 1.2893**.

A 20% lighter version of the original color is **41.3483, 22.4061, 6.7072**, and **9.8199, 17.1680, 3.6228** is the 20% darker color. If you saturate the color by 10%, you get **21.9044, 23.7146, 6.0713**, and if you desaturate by 10%, it is **25.9763, 16.1056, 4.1394**.

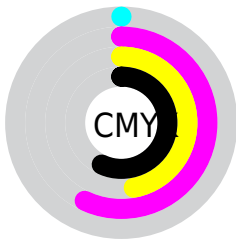
Distribution



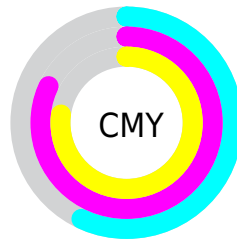
- Red (43%)
- Green (18%)
- Blue (23%)



- Red (43%)
- Yellow (18%)
- Blue (23%)



- Cyan (0%)
- Magenta (57%)
- Yellow (47%)
- Black (57%)



- Cyan (57%)
- Magenta (82%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.7771, 20.0291, 5.0203 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 23.7771, 20.0291, 5.0203 by changing the saturation by 10% instead.

■ 23.7771, 20.0291,
5.0203

■ 23.7771, 20.0291,
5.0203

■ 124.8825, 26.8896,
13.6785

■ 16.2349, 18.6801,
4.0793

■ 41.4831, 22.2937,
6.8721

■ 9.7194, 17.2146,
3.4356

■ 51.4917, 23.2344,
7.8032

0.0000, INF, NaN

0.0000, NaN, NaN

■ 62.1964, 24.0642,
8.7448

0.0000, NaN, NaN

■ 73.5547, 24.7945,
9.6996

0.0000, NaN, NaN

■ 85.5308, 25.4348,
10.6695

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 98.0945, 25.9931,

11.6555

0.0000, NaN, NaN

111.2194, 26.4761,
12.6584

■ 23.7771, 20.0291,
5.0203

■ 23.7771, 20.0291,
5.0203

■ 21.9044, 23.7146,
6.0713

■ 25.9763, 16.1056,
4.1394

■ 20.4023, 26.9250,
7.2506

■ 28.4530, 12.1194,
3.4361

■ 19.3050, 29.3838,
8.4794

■ 31.1649, 8.1702,
2.9012

■ 18.5389, 31.1503,
9.5926

■ 34.0759, 4.3087,
2.5164

■ 18.3377, 31.6639,
9.8327

■ 37.1561, 0.5541,
2.2610

■ 40.3814, -3.0923,
2.1156

■ 43.7326, -6.6381,
2.0630

■ 47.1941, -10.0947,
2.0888

■ 50.7533, -13.4744,
2.1808

Harmonies

Analogous

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



23.7777, 19.6064, -4.5226



23.7771, 20.0291, 5.0203



23.7777, 14.1197, 10.5839

Triad

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



23.7777, 20.0275, 5.0208



23.7777, -12.8404, 11.0181



23.7777, -6.4991, -23.0748

Complementary

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



23.7771, 20.0291, 5.0203



35.5769, -17.1006, 1.9492

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.



23.7777, -13.5286, -14.5311



23.7771, 20.0291, 5.0203



23.7777, -16.7620, 5.9340

Square

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



23.7777, 20.0275, 5.0208



23.7777, -5.4056, 12.9762



23.7777, -16.9916, -3.1540



23.7777, 3.1691, -23.6479

Rectangle

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



23.7771, 20.0291, 5.0203



23.7777, 7.8686, 12.3815



23.7777, -16.9916, -3.1540



23.7777, -9.2078, -20.9195

Sweetspot

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



23.7777, 20.0275, 5.0208



45.0850, 5.8029, 3.3425



24.0435, 24.1231, -21.1393



21.4827, 3.1397, 1.6417



75.5302, -4.0301, 4.1037



25.2436, -1.3469, 1.3715

Same Dimension

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



23.7777, 20.0275, 5.0208



28.2581, 33.0376, 8.5886



27.4389, 10.1913, 11.2742



18.4666, 0.6071, 1.1589



20.0903, 34.6733, 10.9042



44.7365, 77.0055, 25.8629

Inverse Universe

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



23.7777, 20.0275, 5.0208



28.2581, 33.0376, 8.5886



30.0851, -7.2758, -10.6610



18.4666, 0.6071, 1.1589



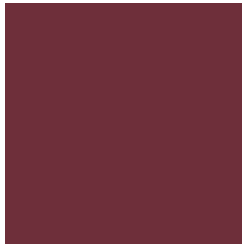
20.0903, 34.6733, 10.9042



44.7365, 77.0055, 25.8629

Previews

White Background



This preview shows how the HunterLab color 23.7771, 20.0291, 5.0203 looks on a white background.

Color Contrast Check

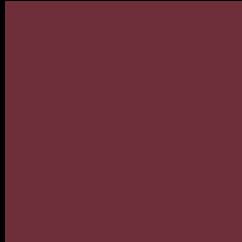
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the HunterLab color 23.7771, 20.0291, 5.0203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

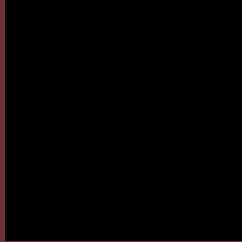
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 23.7771, 20.0291, 5.0203 Background



This preview shows how black text looks on a background with the HunterLab color 23.7771, 20.0291, 5.0203.



This preview shows how white text looks on a background with the HunterLab color 23.7771, 20.0291,

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

23.7771, 20.0291, 5.0203

Protanopia

24.1436, -0.8819, 1.0354

Deuteranopia

23.9138, 1.4762, 5.8001



Tritanopia

23.8074, 18.9550, 7.2020

Trichromacy



Original Color

23.7771, 20.0291, 5.0203

Protanomaly

23.4482, 6.3623, 1.9147

Deuteranomaly

23.4207, 8.1212, 5.1025

Tritanomaly

23.8647, 19.2201, 6.3711

Monochromacy



Original Color

23.7771, 20.0291, 5.0203

Achromatopsia

23.6915, -1.2641, 1.2872

Achromatomaly

23.3257, 5.9257, 2.1478

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.7771, 20.0291, 5.0203 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(110, 47, 58)` looks like.

```
.text, #text, p{  
    color:rgb(110, 47, 58)  
}
```

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(110, 47, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 47, 58) }
```

Border

The CSS property to change the border of an element to HunterLab 23.7771, 20.0291, 5.0203 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(110, 47, 58) }
```


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

```
.border{ border-color:rgb(110, 47, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 47, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 47, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 47, 58);  
box-shadow:4px 4px 4px 4px rgb(110, 47,  
58) }
```

Background

The CSS property to change the background color of an element to HunterLab 23.7771, 20.0291, 5.0203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 47, 58) }
```

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

```
.background{ background-color: rgb(110, 47,  
58) }
```

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