

Converting Colors

HunterLab(51.3552, 42.0133,
21.2109)

Have a look what the booklet for
HunterLab(51.3552, 42.0133,
21.2109) contains.

HunterLab(51.3903, 41.9207, 21.2406)	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(51.3903, 41.9207,
21.2406)**

Conversions

Conversions Part 1

Format	Color
Hex	E2665A
RGB	226, 102, 90
RGB Percent	89%, 40%, 35%
CMY	0.1137, 0.6000, 0.6471
CMYK	0.00, 0.55, 0.60, 0.11
HSL	5°, 70%, 62%
HSV	5°, 60%, 89%
XYZ	37.9608, 26.4096, 12.7697
YIQ	137.7080, 77.7560, 22.5560

Conversions

Conversions Part 2

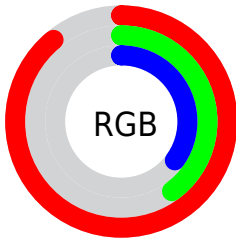
Format	Color
R_{YB}	226, 103, 90
Decimal	14837338
CIE _{Lab}	58.43, 47.42, 30.42
CIE _{LCh}	58, 56.339, 32.681
Yxy	26.4111, 0.4921, 0.3424
Android (android.graphics.Color)	4293027418 (0xFFE2665A)
YUV	137.7080, -23.5200, 77.4321
Hunter-Lab	51.3903, 41.9207, 21.2406

Details

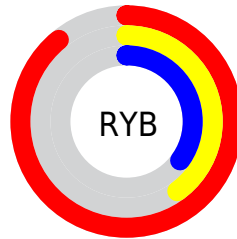
The HunterLab color **51.3903, 41.9207, 21.2406** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted orange. A complement of this color would be **74.6687, -30.2938, -11.6520**, and the grayscale version is **50.3675, -2.6875, 2.7366**.

A 20% lighter version of the original color is **68.5058, 30.8816, 21.2803**, and **32.0860, 38.5829, 16.0435** is the 20% darker color. If you saturate the color by 10%, you get **47.4591, 49.9459, 23.4054**, and if you desaturate by 10%, it is **56.0552, 33.5991, 18.7291**.

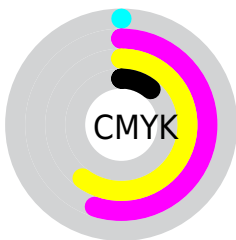
Distribution



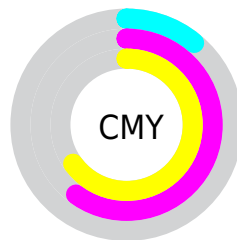
- Red (89%)
- Green (40%)
- Blue (35%)



- Red (89%)
- Yellow (40%)
- Blue (35%)



- Cyan (0%)
- Magenta (55%)
- Yellow (60%)
- Black (11%)



- Cyan (11%)
- Magenta (60%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.3903, 41.9207, 21.2406 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 51.3903, 41.9207, 21.2406 by changing the saturation by 10% instead.

51.3903, 41.9207,
21.2406

51.3903, 41.9207,
21.2406

168.7585, 52.3872,
40.6292

41.3901, 40.2554,
18.7430

73.4421, 44.8997,
25.9186

32.1376, 38.4813,
16.0927

85.4124, 46.2318,
28.1426

23.7005, 36.6147,
13.2384

97.9705, 47.4664,
30.3108

16.1669, 34.7315,
10.9716

111.0901, 48.6102,
32.4343

9.6621, 33.1084,
6.7634

124.7481, 49.6690,
34.5217

0.0000, INF, NaN

0.0000, NaN, NaN

138.9241, 50.6483,

36.5798

0.0000, NaN, NaN

153.5997, 51.5529,
38.6142

0.0000, NaN, NaN

■ 51.3903, 41.9207,
21.2406

■ 51.3903, 41.9207,
21.2406

■ 47.4591, 49.9459,
23.4054

■ 56.0552, 33.5991,
18.7291

■ 44.3537, 57.1668,
25.0395

■ 61.3463, 25.3448,
16.0200

■ 42.1402, 62.9707,
25.9867

■ 67.1696, 17.3503,
13.2196

■ 40.8256, 66.7761,
26.3256

■ 73.4429, 9.7001,
10.3931

■ 80.0987, 2.4116,
7.5765

■ 87.0819, -4.5335,
4.7871

■ 94.3484, -11.1694,
2.0314

■ 97.4211, -14.4269,
2.2000

Harmonies

Analogous

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



51.3917, 51.6627, 4.8000



51.3903, 41.9207, 21.2406



51.3917, 20.0824, 28.4468

Triad

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



51.3917, 41.9169, 21.2415



51.3917, -37.5217, 19.0829



51.3917, -0.5781, -62.7964

Complementary

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



51.3903, 41.9207, 21.2406



74.6687, -30.2938, -11.6520

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.



51.3917, -22.1737, -53.1420



51.3903, 41.9207, 21.2406



51.3917, -41.0528, 0.7108

Square

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



51.3917, 41.9169, 21.2415



51.3917, -25.2717, 27.6604



51.3917, -35.9760, -26.8346



51.3917, 24.4863, -49.2497

Rectangle

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



51.3903, 41.9207, 21.2406



51.3917, 3.2388, 30.0054



51.3917, -35.9760, -26.8346



51.3917, -8.4667, -62.1600

Sweetspot

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



51.3917, 41.9169, 21.2415



85.7517, 9.3710, 11.2517



53.2637, 65.1112, -37.3528



38.6630, 5.4928, 5.6446

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



51.3917, 41.9169, 21.2415



53.5122, 59.2882, 27.3322



67.3847, 7.7953, 33.1475



37.2747, 0.8736, 3.4083



30.9535, 50.0454, 19.9495



8.5570, 11.8654, 5.4805

Inverse Universe

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



74.6687, -30.2938, -11.6520



83.7767, -36.9157, -15.9787



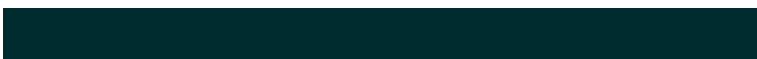
53.3185, 1.5222, -47.1280



39.1848, -4.7637, 0.7792



53.3093, -24.7343, -13.2376



14.2527, -6.7829, -3.1723

Previews

White Background



This preview shows how the HunterLab color 51.3903, 41.9207, 21.2406 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 51.3903, 41.9207, 21.2406 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 51.3903, 41.9207, 21.2406 Background



This preview shows how black text looks on a background with the HunterLab color 51.3903, 41.9207, 21.2406.



This preview shows how white text looks on a background with the HunterLab color 51.3903, 41.9207,

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

51.3903, 41.9207, 21.2406

Protanopia

51.6427, -4.3477, 16.0910

Deuteranopia

51.6004, 3.3033, 22.2163



Tritanopia

51.4644, 44.6411, 16.7845

Trichromacy



Original Color

51.3903, 41.9207, 21.2406

Protanomaly

50.5607, 11.2519, 17.2141

Deuteranomaly

50.9060, 16.9800, 21.4112

Tritanomaly

51.5348, 43.6246, 18.6483

Monochromacy



Original Color

51.3903, 41.9207, 21.2406

Achromatopsia

50.4135, -2.6899, 2.7391

Achromatomaly

49.5921, 11.7010, 9.1367

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.3903, 41.9207, 21.2406 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(226, 102, 90)` looks like.

```
.text, #text, p{  
    color:rgb(226, 102, 90)  
}
```

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(226, 102, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 102, 90) }
```

Border

The CSS property to change the border of an element to HunterLab 51.3903, 41.9207, 21.2406 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(226, 102, 90) }
```


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

```
.border{ border-color:rgb(226, 102, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 102, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 102, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 102, 90);  
box-shadow:4px 4px 4px 4px rgb(226, 102,  
90) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.3903, 41.9207, 21.2406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 102, 90) }
```

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

```
.background{ background-color: rgb(226,  
102, 90) }
```

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