

Converting Colors

HunterLab(41.7141, 36.7833,
20.4670)

Have a look what the booklet for
HunterLab(41.7141, 36.7833,
20.4670) contains.

HunterLab(41.7020, 36.8148, 20.4583)	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(41.7020, 36.8148,
20.4583)**

Conversions

Conversions Part 1

Format	Color
Hex	C1503B
RGB	193, 80, 59
RGB Percent	76%, 31%, 23%
CMY	0.2431, 0.6862, 0.7686
CMYK	0.00, 0.59, 0.69, 0.24
HSL	9°, 53%, 49%
HSV	9°, 69%, 76%
XYZ	25.6504, 17.3906, 6.1425
YIQ	111.3930, 74.0890, 17.4250

Conversions

Conversions Part 2

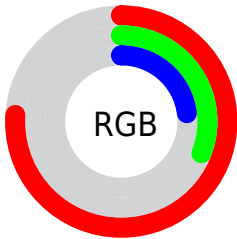
Format	Color
R _Y B	193, 84, 59
Decimal	12668987
CIE Lab	48.75, 44.02, 34.93
CIE LCh	49, 56.197, 38.432
Yxy	17.3915, 0.5215, 0.3536
Android (android.graphics.Color)	4290859067 (0xFFC1503B)
YUV	111.3930, -25.8297, 71.5693
Hunter-Lab	41.7020, 36.8148, 20.4583

Details

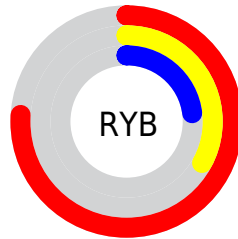
The HunterLab color **41.7020, 36.8148, 20.4583** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **58.5514, -22.6507, -15.4057**, and the grayscale version is **40.0974, -2.1395, 2.1786**.

A 20% lighter version of the original color is **62.5273, 39.8278, 26.0365**, and **23.9996, 33.3324, 14.2555** is the 20% darker color. If you saturate the color by 10%, you get **38.8912, 42.9588, 21.6967**, and if you desaturate by 10%, it is **45.0655, 30.4038, 18.7440**.

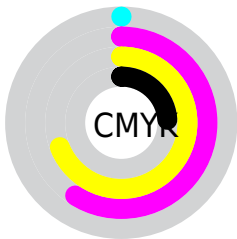
Distribution



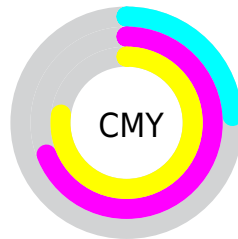
- Red (76%)
- Green (31%)
- Blue (23%)



- Red (76%)
- Yellow (33%)
- Blue (23%)



- Cyan (0%)
- Magenta (59%)
- Yellow (69%)
- Black (24%)



- Cyan (24%)
- Magenta (69%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.7020, 36.8148, 20.4583 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 41.7020, 36.8148, 20.4583 by changing the saturation by 10% instead.

■ 41.7020, 36.8148,
20.4583

■ 41.7020, 36.8148,
20.4583

■ 154.0840, 47.0202,
42.5642

■ 32.4254, 35.1547,
17.4648

■ 62.4482, 39.7695,
25.9506

■ 23.9606, 33.3891,
14.2372

■ 73.8209, 41.0799,
28.5179

■ 16.3960, 31.5662,
11.4772

■ 85.8108, 42.2876,
30.9981

■ 9.8552, 29.8895,
6.8987

■ 98.3875, 43.3999,
33.4078

0.0000, INF, NaN

0.0000, NaN, NaN

■ 111.5249, 44.4236,
35.7601

0.0000, NaN, NaN

■ 125.2000, 45.3646,

0.0000, NaN, NaN

38.0651

0.0000, NaN, NaN

139.3924, 46.2286,
40.3309

■ 41.7020, 36.8148,
20.4583

■ 41.7020, 36.8148,
20.4583

■ 38.8912, 42.9588,
21.6967

■ 45.0655, 30.4038,
18.7440

■ 36.6868, 48.4687,
22.3547

■ 48.9113, 24.0122,
16.6715

■ 35.1133, 52.8962,
22.5093

■ 53.1745, 17.8059,
14.3465

■ 35.0413, 53.1039,
22.5219

■ 57.7958, 11.8698,
11.8497

■ 62.7242, 6.2326,
9.2381

■ 67.9175, 0.8901,
6.5500

■ 73.3407, -4.1788,
3.8102

■ 78.9652, -9.0023,
1.0342

■ 84.7679, -13.6102,
-1.7683

Harmonies

Analogous

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



41.7032, 49.0303, 7.8023



41.7020, 36.8148, 20.4583



41.7032, 14.6760, 25.1418

Triad

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



41.7032, 36.8114, 20.4589



41.7032, -34.9961, 14.6209



41.7032, 4.2262, -61.2981

Complementary

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



41.7020, 36.8148, 20.4583



58.5514, -22.6507, -15.4057

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.



41.7032, -16.8048, -56.0029



41.7020, 36.8148, 20.4583



41.7032, -36.6434, -4.1423

Square

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



41.7032, 36.8114, 20.4589



41.7032, -25.6072, 23.2106



41.7032, -30.7044, -31.7337



41.7032, 27.8024, -43.7886

Rectangle

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



41.7020, 36.8148, 20.4583



41.7032, -1.0511, 25.8912



41.7032, -30.7044, -31.7337



41.7032, -3.3908, -62.2533

Sweetspot

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



41.7032, 36.8114, 20.4589



82.6615, 9.7432, 13.0364



41.8075, 59.5749, -29.1908



37.4287, 5.4759, 6.4913



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

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



41.7032, 36.8114, 20.4589



50.5056, 61.2246, 29.5681



56.7819, 4.6096, 30.7488



32.1360, 0.4065, 3.0902



28.7122, 42.8766, 18.4430



6.6229, 6.9642, 4.2029

Inverse Universe

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



58.5514, -22.6507, -15.4057



75.6456, -30.6148, -24.7467



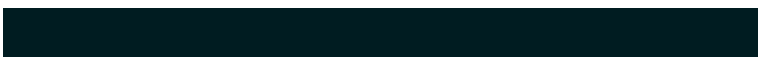
38.8171, 8.2813, -52.9972



33.3928, -3.7547, 0.4742



44.7427, -17.9338, -17.2106



9.6899, -4.2325, -2.9747

Previews

White Background



This preview shows how the HunterLab color 41.7020, 36.8148, 20.4583 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 × Fail

Black Background



This preview shows how the HunterLab color 41.7020, 36.8148, 20.4583 looks on a black 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

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

HunterLab 41.7020, 36.8148, 20.4583 Background



This preview shows how black text looks on a background with the HunterLab color 41.7020, 36.8148, 20.4583.



This preview shows how white text looks on a background with the HunterLab color 41.7020, 36.8148,

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

41.7020, 36.8148, 20.4583

Protanopia

41.7980, -4.1025, 16.9873

Deuteranopia

41.8989, 2.6313, 21.0978



Tritanopia

41.6969, 40.1532, 15.0456

Trichromacy



Original Color

41.7020, 36.8148, 20.4583

Protanomaly

40.8473, 9.9109, 17.6357

Deuteranomaly

41.3177, 14.7328, 20.5311

Tritanomaly

41.7283, 39.0870, 17.1920

Monochromacy



Original Color

41.7020, 36.8148, 20.4583

Achromatopsia

39.8699, -2.1274, 2.1662

Achromatomaly

39.4332, 10.0879, 9.2513

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.7020, 36.8148, 20.4583 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(193, 80, 59)` looks like.

```
.text, #text, p{  
    color:rgb(193, 80, 59)  
}
```

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(193, 80, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 80, 59) }
```

Border

The CSS property to change the border of an element to HunterLab 41.7020, 36.8148, 20.4583 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(193, 80, 59) }
```


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

```
.border{ border-color:rgb(193, 80, 59) }
```

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

Here you see how a box with a 4 pixel rgb(193, 80, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 80, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 80, 59);  
box-shadow:4px 4px 4px 4px rgb(193, 80,  
59) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.7020, 36.8148, 20.4583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 80, 59) }
```

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

```
.background{ background-color: rgb(193, 80,  
59) }
```

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