

Converting Colors

HunterLab(37.4400, 51.8193,
21.9983)

Have a look what the booklet for
HunterLab(37.4400, 51.8193,
21.9983) contains.

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Color

**HunterLab(37.4663, 52.0557,
22.0541)**

Conversions

Conversions Part 1

Format	Color
Hex	C72C1E
RGB	199, 44, 30
RGB Percent	78%, 17%, 12%
CMY	0.2196, 0.8274, 0.8823
CMYK	0.00, 0.78, 0.85, 0.22
HSL	5°, 74%, 45%
HSV	5°, 85%, 78%
XYZ	24.6882, 14.0372, 2.6365
YIQ	88.7490, 96.8740, 28.5060

Conversions

Conversions Part 2

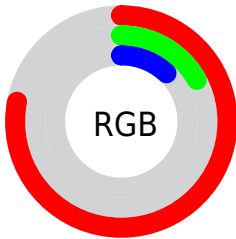
Format	Color
R_{YB}	199, 45, 30
Decimal	13052958
CIE _{Lab}	44.29, 59.16, 46.08
CIE _{LCh}	44, 74.992, 37.914
Yxy	14.0381, 0.5969, 0.3394
Android (android.graphics.Color)	4291243038 (0xFFC72C1E)
YUV	88.7490, -28.9633, 96.6901
Hunter-Lab	37.4663, 52.0557, 22.0541

Details

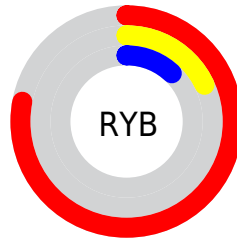
The HunterLab color **37.4663, 52.0557, 22.0541** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **62.5238, -28.9350, -13.2176**, and the grayscale version is **31.5948, -1.6858, 1.7166**.

A 20% lighter version of the original color is **56.1216, 52.6422, 28.0859**, and **22.8785, 39.1801, 14.7835** is the 20% darker color. If you saturate the color by 10%, you get **35.9061, 56.3389, 22.6325**, and if you desaturate by 10%, it is **39.8063, 46.3170, 20.8613**.

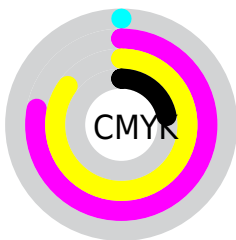
Distribution



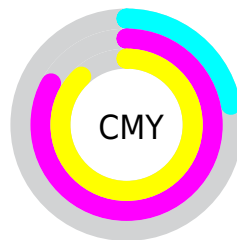
- Red (78%)
- Green (17%)
- Blue (12%)



- Red (78%)
- Yellow (18%)
- Blue (12%)



- Cyan (0%)
- Magenta (78%)
- Yellow (85%)
- Black (22%)



- Cyan (22%)
- Magenta (83%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.4663, 52.0557, 22.0541 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 37.4663, 52.0557, 22.0541 by changing the saturation by 10% instead.

37.4663, 52.0557,
22.0541

37.4663, 52.0557,
22.0541

147.4679, 67.1258,
50.3211

28.5432, 49.9370,
18.0872

57.5818, 56.0827,
29.2712

20.4677, 47.8648,
14.3274

68.6680, 57.9523,
32.6018

13.3416, 46.1144,
9.3391

80.3865, 59.7186,
35.7912

6.8895, 50.0251,
4.8227

92.7049, 61.3840,
38.8638

0.0000, INF, NaN

0.0000, NaN, NaN

105.5951, 62.9527,
41.8391

0.0000, NaN, NaN

119.0330, 64.4294,

0.0000, NaN, NaN

44.7324

0.0000, NaN, NaN

132.9969, 65.8188,
47.5563

37.4663, 52.0557,
22.0541

37.4663, 52.0557,
22.0541

35.9061, 56.3389,
22.6325

39.8063, 46.3170,
20.8613

35.3943, 57.8143,
22.8219

42.8887, 39.6417,
19.1571

46.6411, 32.5218,
17.0980

50.9752, 25.3291,
14.8283

55.8048, 18.2912,
12.4551

■ 61.0537, 11.5211,
10.0472

■ 66.6579, 5.0574,
7.6440

■ 72.5654, -1.1033,
5.2654

■ 78.7341, -6.9848,
2.9195

Harmonies

Analogous

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



37.4674, 69.5732, 8.5555



37.4663, 52.0557, 22.0541



37.4674, 21.0174, 25.4673

Triad

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



37.4674, 52.0515, 22.0547



37.4674, -40.5753, 16.8666



37.4674, 5.8816, -95.6935

Complementary

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



37.4663, 52.0557, 22.0541



62.5238, -28.9350, -13.2176

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.



37.4674, -20.5293, -86.1280



37.4663, 52.0557, 22.0541



37.4674, -42.4142, -5.9088

Square

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



37.4674, 52.0515, 22.0547



37.4674, -30.1759, 24.2932



37.4674, -36.2838, -46.4988



37.4674, 38.1672, -67.2310

Rectangle

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



37.4663, 52.0557, 22.0541



37.4674, 0.0228, 26.0706



37.4674, -36.2838, -46.4988



37.4674, -3.9831, -97.0626

Sweetspot

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



37.4674, 52.0515, 22.0547



80.4702, 15.6332, 13.4359



40.8533, 72.9800, -42.3777



36.0604, 8.6921, 6.7422

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



37.4674, 52.0515, 22.0547



46.6922, 76.9808, 30.1192



52.0556, 15.9514, 30.9566



32.8267, 0.7546, 2.9690



28.4768, 46.0453, 18.3534



6.5875, 8.7744, 4.2128

Inverse Universe

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



62.5238, -28.9350, -13.2176



81.2309, -37.9244, -19.6635



37.6119, 8.7728, -61.8448



34.5127, -4.1848, 0.7200



49.3545, -23.1420, -11.7318



10.9494, -5.2956, -2.2541

Previews

White Background



This preview shows how the HunterLab color 37.4663, 52.0557, 22.0541 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 37.4663, 52.0557, 22.0541 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

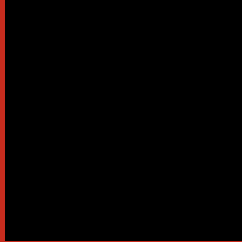
Any Text WCAG AA × Fail

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 37.4663, 52.0557, 22.0541 Background



This preview shows how black text looks on a background with the HunterLab color 37.4663, 52.0557, 22.0541.



This preview shows how white text looks on a background with the HunterLab color 37.4663, 52.0557,

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

37.4663, 52.0557, 22.0541

Protanopia

37.8802, -4.5653, 19.3759

Tritanopia

37.3798, 53.0953, 20.3376

Trichromacy



Original Color

37.4663, 52.0557, 22.0541

Protanomaly

35.4158, 16.1892, 18.7457

Tritanomaly

37.4297, 52.6101, 21.0803

Monochromacy



Original Color

37.4663, 52.0557, 22.0541

Achromatopsia

31.6068, -1.6865, 1.7173

Achromatomaly

31.3840, 16.0547, 9.2881

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.4663, 52.0557, 22.0541 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(199, 44, 30)` looks like.

```
.text, #text, p{  
    color:rgb(199, 44, 30)  
}
```

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(199, 44, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 44, 30) }
```

Border

The CSS property to change the border of an element to HunterLab 37.4663, 52.0557, 22.0541 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(199, 44, 30) }
```

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

```
.border{ border-color:rgb(199, 44, 30) }
```

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

Here you see how a box with a 4 pixel rgb(199, 44, 30) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 44, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 44, 30);  
box-shadow:4px 4px 4px 4px rgb(199, 44,  
30) }
```


Background

The CSS property to change the background color of an element to HunterLab 37.4663, 52.0557, 22.0541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 44, 30) }
```

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

```
.background{ background-color: rgb(199, 44,  
30) }
```

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](#).

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