

Converting Colors

HunterLab(47.3315, 56.1947,
22.2519)

Have a look what the booklet for
HunterLab(47.3315, 56.1947,
22.2519) contains.

HunterLab(47.3307, 56.1974, 22.2527)	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(47.3307, 56.1974,
22.2527)**

Conversions

Conversions Part 1

Format	Color
Hex	E84949
RGB	232, 73, 73
RGB Percent	91%, 29%, 29%
CMY	0.0902, 0.7137, 0.7137
CMYK	0.00, 0.69, 0.69, 0.09
HSL	0°, 78%, 60%
HSV	0°, 69%, 91%
XYZ	36.8639, 22.4020, 8.6844
YIQ	120.5410, 94.7640, 33.7080

Conversions

Conversions Part 2

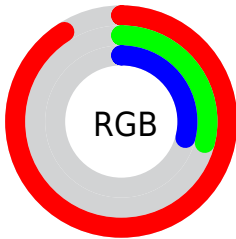
Format	Color
R_{YB}	232, 73, 73
Decimal	15223113
CIE Lab	54.45, 60.96, 35.38
CIE LCh	54, 70.484, 30.127
Yxy	22.4033, 0.5425, 0.3297
Android (android.graphics.Color)	4293413193 (0xFFE84949)
YUV	120.5410, -23.4377, 97.7495
Hunter-Lab	47.3307, 56.1974, 22.2527

Details

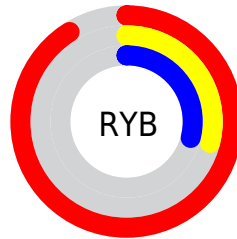
The HunterLab color **47.3307, 56.1974, 22.2527** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **80.5916, -38.7817, -7.1835**, and the grayscale version is **43.6125, -2.3271, 2.3695**.

A 20% lighter version of the original color is **62.1534, 42.6841, 21.4818**, and **29.1954, 50.3019, 16.5101** is the 20% darker color. If you saturate the color by 10%, you get **44.3277, 63.2952, 24.4165**, and if you desaturate by 10%, it is **51.3886, 47.6255, 19.6753**.

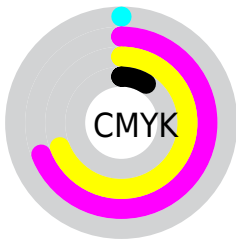
Distribution



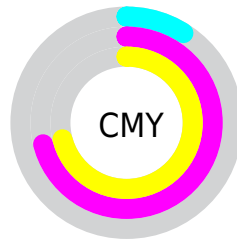
- Red (91%)
- Green (29%)
- Blue (29%)



- Red (91%)
- Yellow (29%)
- Blue (29%)



- Cyan (0%)
- Magenta (69%)
- Yellow (69%)
- Black (9%)



- Cyan (9%)
- Magenta (71%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.3307, 56.1974, 22.2527 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 47.3307, 56.1974, 22.2527 by changing the saturation by 10% instead.

47.3307, 56.1974,
22.2527

47.3307, 56.1974,
22.2527

162.6791, 70.9186,
44.2128

37.6211, 54.0880,
19.3341

68.8561, 60.1361,
27.6555

28.6836, 51.9391,
16.2113

80.5847, 61.9568,
30.1973

20.5934, 49.8525,
13.0503

92.9127, 63.6772,
32.6605

13.4506, 48.1310,
9.4154

105.8122, 65.3008,
35.0596

7.0206, 51.8181,
4.9145

119.2588, 66.8322,
37.4061

0.0000, INF, NaN

0.0000, NaN, NaN

133.2313, 68.2760,

39.7091

0.0000, NaN, NaN

147.7104, 69.6367,
41.9760

0.0000, NaN, NaN

■ 47.3307, 56.1974,
22.2527

■ 47.3307, 56.1974,
22.2527

■ 44.3277, 63.2952,
24.4165

■ 51.3886, 47.6255,
19.6753

■ 42.4255, 68.1954,
25.9208

■ 56.3810, 38.3492,
16.9268


■ 41.5178, 70.6596,
26.6806


■ 62.1721, 28.9228,
14.1855


■ 41.4198, 70.9308,
26.7645

■ 68.6317, 19.6739,
11.5518

■ 75.6482, 10.7547,
9.0686

 83.1308, 2.2101,
6.7446

 91.0073, -5.9710,
4.5708

 97.9264, -12.6263,
2.8400

Harmonies

Analogous

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



47.3321, 67.3702, 2.6944



47.3307, 56.1974, 22.2527



47.3321, 28.6661, 29.3850

Triad

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



47.3321, 56.1929, 22.2535



47.3321, -41.9107, 22.1505



47.3321, -2.4038, -87.4493

Complementary

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



47.3307, 56.1974, 22.2527



80.5916, -38.7817, -7.1835

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.



47.3321, -27.2829, -70.6479



47.3307, 56.1974, 22.2527



47.3321, -46.4698, 2.4582

Square

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



47.3321, 56.1929, 22.2535



47.3321, -27.4509, 29.3557



47.3321, -41.8315, -32.6520



47.3321, 28.9339, -70.3813

Rectangle

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



47.3307, 56.1974, 22.2527



47.3321, 7.4460, 30.7312



47.3321, -41.8315, -32.6520



47.3321, -11.7390, -85.4932

Sweetspot

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



47.3321, 56.1929, 22.2535



82.1482, 14.4892, 10.7899



52.6755, 78.0191, -52.1057



36.9946, 7.9731, 5.3445

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.3321, 56.1929, 22.2535



48.3773, 72.9094, 27.9311



63.4476, 17.7920, 33.5171



37.9053, 1.3690, 3.1964



30.8617, 52.8497, 19.9421



8.3897, 14.3656, 5.4212

Inverse Universe

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



80.5916, -38.7817, -7.1835



89.0564, -45.7535, -8.9107



54.6460, -2.1350, -49.1962



40.4182, -5.3372, 1.1297



59.3888, -31.4827, -6.2688



16.1443, -8.5584, -1.7039

Previews

White Background



This preview shows how the HunterLab color 47.3307, 56.1974, 22.2527 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 47.3307, 56.1974, 22.2527 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 47.3307, 56.1974, 22.2527 Background



This preview shows how black text looks on a background with the HunterLab color 47.3307, 56.1974, 22.2527.



This preview shows how white text looks on a background with the HunterLab color 47.3307, 56.1974,

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

47.3307, 56.1974, 22.2527

Protanopia

47.6482, -4.2599, 16.1090

Deuteranopia

47.2890, 3.4234, 23.1178



Tritanopia

47.3737, 56.3797, 21.6211

Trichromacy



Original Color

47.3307, 56.1974, 22.2527

Protanomaly

45.6316, 16.8091, 16.9729

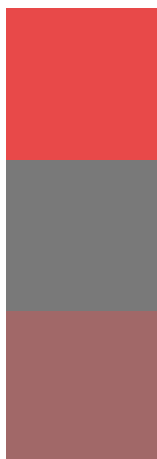
Deuteranomaly

45.9055, 22.9347, 21.8298

Tritanomaly

47.3592, 56.3180, 21.8349

Monochromacy



Original Color

47.3307, 56.1974, 22.2527

Achromatopsia

43.7266, -2.3331, 2.3758

Achromatomaly

42.9851, 16.7436, 8.7158

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.3307, 56.1974, 22.2527 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(232, 73, 73)` looks like.

```
.text, #text, p{  
    color:rgb(232, 73, 73)  
}
```

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(232, 73, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 73, 73) }
```

Border

The CSS property to change the border of an element to HunterLab 47.3307, 56.1974, 22.2527 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(232, 73, 73) }
```


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

```
.border{ border-color:rgb(232, 73, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 73, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 73, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 73, 73);  
box-shadow:4px 4px 4px 4px rgb(232, 73,  
73) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.3307, 56.1974, 22.2527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 73, 73) }
```

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

```
.background{ background-color: rgb(232, 73,  
73) }
```

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