

Converting Colors

HunterLab(51.4088, 50.5446,
24.3237)

Have a look what the booklet for
HunterLab(51.4088, 50.5446,
24.3237) contains.

HunterLab(51.3629, 50.7319, 24.2176)	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(51.3629, 50.7319,
24.2176)**

Conversions

Conversions Part 1

Format	Color
Hex	EE5C4E
RGB	238, 92, 78
RGB Percent	93%, 36%, 31%
CMY	0.0667, 0.6392, 0.6941
CMYK	0.00, 0.61, 0.67, 0.07
HSL	5°, 82%, 62%
HSV	5°, 67%, 93%
XYZ	40.4622, 26.3815, 10.1673
YIQ	134.0580, 91.5100, 26.5980

Conversions

Conversions Part 2

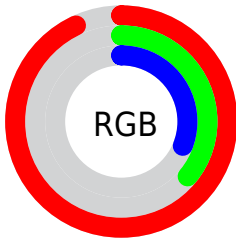
Format	Color
R _Y B	238, 93, 78
Decimal	15621198
CIE Lab	58.40, 55.45, 37.54
CIE LCh	58, 66.960, 34.096
Yxy	26.3830, 0.5254, 0.3426
Android (android.graphics.Color)	4293811278 (0xFFEE5C4E)
YUV	134.0580, -27.6366, 91.1571
Hunter-Lab	51.3629, 50.7319, 24.2176

Details

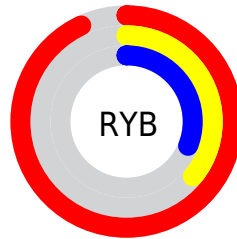
The HunterLab color **51.3629, 50.7319, 24.2176** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark muted red. A complement of this color would be **78.1660, -33.5084, -13.7760**, and the grayscale version is **48.9310, -2.6108, 2.6585**.

A 20% lighter version of the original color is **66.0953, 34.4079, 23.0106**, and **32.1115, 46.6284, 17.9466** is the 20% darker color. If you saturate the color by 10%, you get **47.8146, 58.7032, 26.1324**, and if you desaturate by 10%, it is **55.7720, 42.0525, 21.7943**.

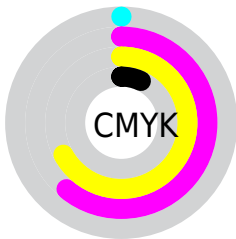
Distribution



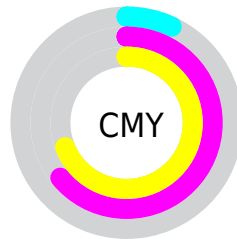
- Red (93%)
- Green (36%)
- Blue (31%)



- Red (93%)
- Yellow (36%)
- Blue (31%)



- Cyan (0%)
- Magenta (61%)
- Yellow (67%)
- Black (7%)



- Cyan (7%)
- Magenta (64%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.3629, 50.7319, 24.2176 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 51.3629, 50.7319, 24.2176 by changing the saturation by 10% instead.

51.3629, 50.7319,
24.2176

51.3629, 50.7319,
24.2176

168.7178, 63.5801,
46.9785

41.3647, 48.8079,
21.2106

73.4113, 54.2521,
29.8051

32.1142, 46.7998,
18.0067

85.3800, 55.8571,
32.4395

23.6793, 44.7511,
14.5753

97.9366, 57.3627,
34.9942

16.1483, 42.8029,
11.3038

111.0548, 58.7741,
37.4833

9.6464, 41.4193,
6.7525

124.7114, 60.0966,
39.9181

0.0000, INF, NaN

0.0000, INF, NaN

138.8860, 61.3354,

42.3076

0.0000, NaN, NaN

153.5603, 62.4951,
44.6590

0.0000, NaN, NaN

■ 51.3629, 50.7319,
24.2176

■ 51.3629, 50.7319,
24.2176

■ 47.8146, 58.7032,
26.1324

■ 55.7720, 42.0525,
21.7943

■ 45.2042, 65.3372,
27.3520

■ 60.9299, 33.1893,
19.0495

■ 43.5534, 70.0319,
27.8054

■ 66.7286, 24.4661,
16.1328

■ 43.2520, 70.9190,
27.8933

■ 73.0696, 16.0547,
13.1440

■ 79.8691, 8.0213,
10.1423

■ 87.0587, 0.3707,
7.1593

■ 94.5833, -6.9231,
4.2093

■ 98.4464, -10.7830,
3.4953

Harmonies

Analogous

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



51.3644, 63.8325, 6.3687



51.3629, 50.7319, 24.2176



51.3644, 23.3454, 31.0062

Triad

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



51.3644, 50.7275, 24.2184



51.3644, -43.2015, 20.7012



51.3644, 1.2144, -80.6488

Complementary

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



51.3629, 50.7319, 24.2176



78.1660, -33.5084, -13.7760

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.



51.3644, -24.4816, -69.2817



51.3629, 50.7319, 24.2176



51.3644, -46.6393, -1.0535

Square

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



51.3644, 50.7275, 24.2184



51.3644, -29.9025, 29.8874



51.3644, -40.5819, -35.6637



51.3644, 31.5795, -61.4725

Rectangle

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



51.3629, 50.7319, 24.2176



51.3644, 2.9928, 32.2705



51.3644, -40.5819, -35.6637



51.3644, -8.2385, -80.3190

Sweetspot

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



51.3644, 50.7275, 24.2184



84.2369, 11.1065, 11.8923



53.8924, 76.3608, -43.5610



38.0073, 6.2683, 5.9257

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



51.3644, 50.7275, 24.2184



50.4344, 66.6261, 28.8990



69.2669, 10.8815, 36.7027



39.9765, 0.9653, 3.6645



32.4250, 52.5740, 20.9005



9.7481, 13.8829, 6.2498

Inverse Universe

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



78.1660, -33.5084, -13.7760



82.6917, -37.7505, -17.5405



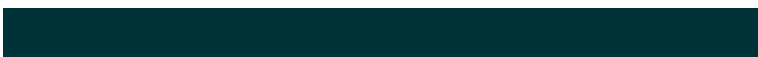
52.8601, 4.2381, -58.0813



42.0457, -5.1352, 0.8286



55.9234, -25.9691, -13.8395



16.3421, -7.7546, -3.6863

Previews

White Background



This preview shows how the HunterLab color 51.3629, 50.7319, 24.2176 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 51.3629, 50.7319, 24.2176 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 51.3629, 50.7319, 24.2176 Background



This preview shows how black text looks on a background with the HunterLab color 51.3629, 50.7319, 24.2176.



This preview shows how white text looks on a background with the HunterLab color 51.3629, 50.7319,

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

51.3629, 50.7319, 24.2176

Protanopia

51.5458, -5.0684, 18.9446

Deuteranopia

51.3582, 3.4920, 25.0186



Tritanopia

51.4677, 53.2314, 20.1742

Trichromacy



Original Color

51.3629, 50.7319, 24.2176

Protanomaly

49.9544, 14.1122, 19.8113

Deuteranomaly

50.5421, 20.4177, 24.1069

Tritanomaly

51.5307, 52.3312, 21.7948

Monochromacy



Original Color

51.3629, 50.7319, 24.2176

Achromatopsia

48.8260, -2.6052, 2.6528

Achromatomaly

48.1448, 14.5434, 10.3163

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.3629, 50.7319, 24.2176 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(238, 92, 78)` looks like.

```
.text, #text, p{  
    color:rgb(238, 92, 78)  
}
```

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(238, 92, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 92, 78) }
```

Border

The CSS property to change the border of an element to HunterLab 51.3629, 50.7319, 24.2176 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(238, 92, 78) }
```


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

```
.border{ border-color:rgb(238, 92, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 92, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 92, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 92, 78);  
box-shadow:4px 4px 4px 4px rgb(238, 92,  
78) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.3629, 50.7319, 24.2176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 92, 78) }
```

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

```
.background{ background-color: rgb(238, 92,  
78) }
```

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