

Converting Colors

HunterLab(42.3609, 69.1733,
24.2345)

Have a look what the booklet for
HunterLab(42.3609, 69.1733,
24.2345) contains.

HunterLab(42.3506, 69.2028, 24.2411)	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(42.3506, 69.2028,
24.2411)**

Conversions

Conversions Part 1

Format	Color
Hex	E8172A
RGB	232, 23, 42
RGB Percent	91%, 9%, 16%
CMY	0.0902, 0.9097, 0.8353
CMYK	0.00, 0.90, 0.82, 0.09
HSL	355°, 82%, 50%
HSV	355°, 90%, 91%
XYZ	34.0030, 17.9357, 3.8603
YIQ	87.6570, 118.4650, 50.2170

Conversions

Conversions Part 2

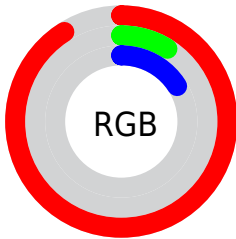
Format	Color
R _Y B	232, 23, 42
Decimal	15210282
CIE Lab	49.42, 72.97, 47.09
CIE LCh	49, 86.842, 32.835
Yxy	17.9369, 0.6094, 0.3214
Android (android.graphics.Color)	4293400362 (0xFFE8172A)
YUV	87.6570, -22.5089, 126.5888
Hunter-Lab	42.3506, 69.2028, 24.2411

Details

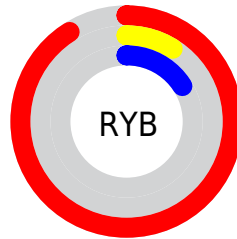
The HunterLab color **42.3506, 69.2028, 24.2411** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **79.1839, -45.6417, 0.8436**, and the grayscale version is **31.1686, -1.6631, 1.6934**.

A 20% lighter version of the original color is **55.4226, 55.7070, 25.0157**, and **28.6627, 49.0857, 18.5211** is the 20% darker color. If you saturate the color by 10%, you get **41.4850, 71.1753, 25.7908**, and if you desaturate by 10%, it is **44.1449, 64.9336, 22.0040**.

Distribution



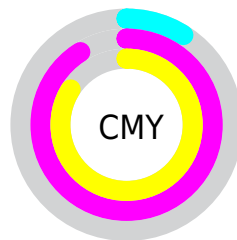
- Red (91%)
- Green (9%)
- Blue (16%)



- Red (91%)
- Yellow (9%)
- Blue (16%)



- Cyan (0%)
- Magenta (90%)
- Yellow (82%)
- Black (9%)



- Cyan (9%)
- Magenta (91%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.3506, 69.2028, 24.2411 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 42.3506, 69.2028, 24.2411 by changing the saturation by 10% instead.

■ 42.3506, 69.2028,
24.2411

■ 42.3506, 69.2028,
24.2411

155.0854, 87.3981,
52.4900

■ 33.0222, 66.8559,
20.3341

■ 63.1900, 73.8305,
31.3909

■ 24.5005, 64.6448,
16.5354

■ 74.6051, 76.0406,
34.7089

■ 16.8724, 62.8846,
11.8106

■ 86.6351, 78.1610,
37.8954

■ 10.2580, 62.5189,
7.1806

■ 99.2502, 80.1885,
40.9724

0.0000, INF, NaN

0.0000, INF, NaN

■ 112.4243, 82.1234,
43.9574

0.0000, NaN, NaN

■ 126.1347, 83.9678,

0.0000, NaN, NaN

46.8647

0.0000, NaN, NaN

140.3611, 85.7249,
49.7057

■ 42.3506, 69.2028,
24.2411

■ 42.3506, 69.2028,
24.2411

■ 41.4850, 71.1753,
25.7908

■ 44.1449, 64.9336,
22.0040

■ 47.0194, 58.3344,
19.3691

■ 50.9367, 50.0704,
16.6185

■ 55.7885, 40.8946,
13.9795

■ 61.4420, 31.3990,
11.5860

■ 67.7687, 21.9530,
9.4906

■ 74.6571, 12.7451,
7.6941

■ 82.0160, 3.8475,
6.1717

■ 89.7725, -4.7319,
4.8892

Harmonies

Analogous

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



42.3519, 86.5300, 5.3118



42.3506, 69.2028, 24.2411



42.3519, 32.5081, 28.8690

Triad

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



42.3519, 69.1975, 24.2419



42.3519, -46.6207, 22.1901



42.3519, 1.0721, -121.7059

Complementary

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



42.3506, 69.2028, 24.2411



79.1839, -45.6417, 0.8436

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.



42.3519, -28.5091, -101.1569



42.3506, 69.2028, 24.2411



42.3519, -50.2636, -0.9390

Square

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



42.3519, 69.1975, 24.2419



42.3519, -32.5823, 28.4485



42.3519, -44.8533, -48.2223



42.3519, 40.0804, -92.4864

Rectangle

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



42.3506, 69.2028, 24.2411



42.3519, 6.3399, 29.6464



42.3519, -44.8533, -48.2223



42.3519, -10.2279, -120.4085

Sweetspot

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



42.3519, 69.1975, 24.2419



77.6303, 21.3988, 9.9448



45.0602, 86.5940, -71.1704



34.7326, 11.5466, 4.9380

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



42.3519, 69.1975, 24.2419



46.1762, 79.2135, 28.7895



52.5867, 39.1712, 32.1737



37.9330, 1.5193, 2.7983



30.9229, 53.0794, 19.0285



8.4496, 14.5902, 4.5292

Inverse Universe

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



42.3519, 69.1975, 24.2419



46.1762, 79.2135, 28.7895



52.2666, -4.1264, -54.4678



37.9330, 1.5193, 2.7983



30.9229, 53.0794, 19.0285



8.4496, 14.5902, 4.5292

Previews

White Background



This preview shows how the HunterLab color 42.3506, 69.2028, 24.2411 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 42.3506, 69.2028, 24.2411 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 42.3506, 69.2028, 24.2411 Background



This preview shows how black text looks on a background with the HunterLab color 42.3506, 69.2028, 24.2411.



This preview shows how white text looks on a background with the HunterLab color 42.3506, 69.2028,

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

42.3506, 69.2028, 24.2411

Protanopia

42.8032, -5.0252, 19.3598

Deuteranopia

42.4686, 2.7372, 25.1572



Tritanopia

42.4191, 68.0225, 26.3377

Trichromacy



Original Color

42.3506, 69.2028, 24.2411

Protanomaly

38.5377, 24.4785, 18.2199

Deuteranomaly

39.2552, 29.8897, 22.9565

Tritanomaly

42.4067, 68.3546, 25.7023

Monochromacy



Original Color

42.3506, 69.2028, 24.2411

Achromatopsia

31.2390, -1.6668, 1.6973

Achromatomaly

31.1403, 24.5273, 8.2679

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.3506, 69.2028, 24.2411 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, 23, 42)` looks like.

```
.text, #text, p{  
    color:rgb(232, 23, 42)  
}
```

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, 23, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 23, 42) }
```

Border

The CSS property to change the border of an element to HunterLab 42.3506, 69.2028, 24.2411 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, 23, 42) }
```


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

```
.border{ border-color:rgb(232, 23, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 23, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 23, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 23, 42);  
box-shadow:4px 4px 4px 4px rgb(232, 23,  
42) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.3506, 69.2028, 24.2411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 23, 42) }
```

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

```
.background{ background-color: rgb(232, 23,  
42) }
```

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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