

Converting Colors

HunterLab(45.1431, 72.8858,
20.1128)

Have a look what the booklet for
HunterLab(45.1431, 72.8858,
20.1128) contains.

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Color

**HunterLab(45.1431, 72.8858,
20.1128)**

Conversions

Conversions Part 1

Format	Color
Hex	F21F4C
RGB	242, 31, 76
RGB Percent	95%, 12%, 30%
CMY	0.0510, 0.8783, 0.7020
CMYK	0.00, 0.87, 0.69, 0.05
HSL	347°, 89%, 54%
HSV	347°, 87%, 95%
XYZ	38.4124, 20.3790, 8.7464
YIQ	99.2190, 111.3110, 58.7270

Conversions

Conversions Part 2

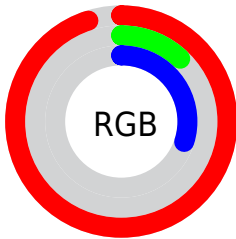
Format	Color
R_{YB}	242, 31, 76
Decimal	15867724
CIE _{Lab}	52.26, 75.43, 31.40
CIE _{LCh}	52, 81.704, 22.602
Yxy	20.3803, 0.5687, 0.3018
Android (android.graphics.Color)	4294057804 (0xFFFF21F4C)
YUV	99.2190, -11.4470, 125.2189
Hunter-Lab	45.1431, 72.8858, 20.1128

Details

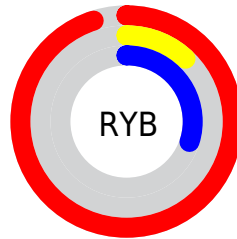
The HunterLab color **45.1431, 72.8858, 20.1128** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **82.3577, -52.2321, 11.7952**, and the grayscale version is **35.4225, -1.8901, 1.9246**.

A 20% lighter version of the original color is **57.1326, 55.8962, 16.0487**, and **30.7521, 53.0210, 17.1034** is the 20% darker color. If you saturate the color by 10%, you get **43.9549, 75.0787, 23.1850**, and if you desaturate by 10%, it is **47.3899, 67.9667, 16.8338**.

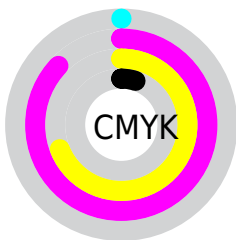
Distribution



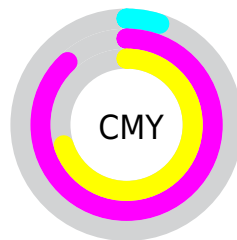
- Red (95%)
- Green (12%)
- Blue (30%)



- Red (95%)
- Yellow (12%)
- Blue (30%)



- Cyan (0%)
- Magenta (87%)
- Yellow (69%)
- Black (5%)





- Cyan (5%)
- Magenta (88%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 45.1431, 72.8858, 20.1128 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 45.1431, 72.8858, 20.1128 by changing the saturation by 10% instead.


 45.1431, 72.8858,
20.1128


 45.1431, 72.8858,
20.1128


159.3632, 91.4565,
40.2615


 35.5974, 70.4959,
17.4534


 66.3730, 77.5886,
25.0404


 26.8382, 68.2218,
14.6044


 77.9664, 79.8374,
27.3637


 18.9455, 66.3296,
11.7334

 90.1658, 81.9982,
29.6193

 12.0275, 65.5675,
8.4192

 102.9424, 84.0677,
31.8206

 5.0069, 90.5423,
3.5048

 116.2713, 86.0459,
33.9781

0.0000, INF, NaN

0.0000, NaN, NaN

130.1304, 87.9348,

36.0999

0.0000, NaN, NaN

144.5002, 89.7373,
38.1926

0.0000, NaN, NaN

■ 45.1431, 72.8858,
20.1128

■ 45.1431, 72.8858,
20.1128

■ 43.9549, 75.0787,
23.1850

■ 47.3899, 67.9667,
16.8338


■ 43.7280, 75.4440,
23.9264


■ 50.7420, 60.6602,
13.6988

■ 55.1357, 51.6998,
10.9690


■ 60.4503, 41.8394,
8.7767

■ 66.5508, 31.6463,
7.1460

 73.3109, 21.4693,
6.0369

 80.6231, 11.4879,
5.3827

 88.3997, 1.7736,
5.1128

 96.5706, -7.6618,
5.1628

Harmonies

Analogous

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



45.1445, 79.8818, -6.0768



45.1431, 72.8858, 20.1128



45.1445, 43.2413, 28.9716

Triad

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



45.1445, 72.8805, 20.1138



45.1445, -42.7391, 25.9621



45.1445, -10.3361, -108.6726

Complementary

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



45.1431, 72.8858, 20.1128



82.3577, -52.2321, 11.7952

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.



45.1445, -34.9937, -77.2391



45.1431, 72.8858, 20.1128



45.1445, -49.8592, 9.5944

Square

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



45.1445, 72.8805, 20.1138



45.1445, -24.4086, 30.2512



45.1445, -47.5042, -27.6458



45.1445, 24.8199, -97.1547

Rectangle

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



45.1431, 72.8858, 20.1128



45.1445, 18.2938, 30.4860



45.1445, -47.5042, -27.6458



45.1445, -19.9484, -102.2966

Sweetspot

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



45.1445, 72.8805, 20.1138



78.6321, 21.5997, 6.3074



43.7796, 83.8560, -85.3200



35.1821, 11.7173, 3.0714

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



45.1445, 72.8805, 20.1138



46.4001, 80.0430, 25.4765



51.4048, 50.9863, 31.0707



39.7668, 1.8258, 2.3628



32.0756, 55.3899, 17.1642



9.3278, 16.2577, 3.8298

Inverse Universe

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



45.1445, 72.8805, 20.1138



46.4001, 80.0430, 25.4765



63.4429, -17.1465, -39.7120



39.7668, 1.8258, 2.3628



32.0756, 55.3899, 17.1642



9.3278, 16.2577, 3.8298

Previews

White Background



This preview shows how the HunterLab color 45.1431, 72.8858, 20.1128 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 45.1431, 72.8858, 20.1128 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 45.1431, 72.8858, 20.1128 Background



This preview shows how black text looks on a background with the HunterLab color 45.1431, 72.8858, 20.1128.



This preview shows how white text looks on a background with the HunterLab color 45.1431, 72.8858,

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

45.1431, 72.8858, 20.1128

Protanopia

45.4074, -2.7748, 8.6692

Deuteranopia

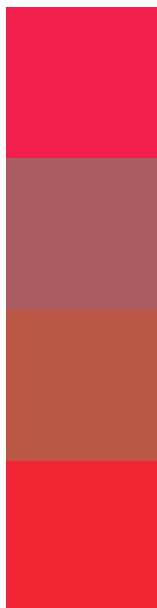
45.2165, 3.2882, 21.3622



Tritanopia

45.2030, 68.7191, 26.5393

Trichromacy



Original Color

45.1431, 72.8858, 20.1128

Protanomaly

41.2577, 26.1842, 9.2755

Deuteranomaly

42.0537, 31.3830, 18.5249

Tritanomaly

45.0243, 70.1035, 24.6928

Monochromacy



Original Color

45.1431, 72.8858, 20.1128

Achromatopsia

35.3231, -1.8847, 1.9192

Achromatomaly

34.9746, 26.0659, 5.2289

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 45.1431, 72.8858, 20.1128 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(242, 31, 76)` looks like.

```
.text, #text, p{  
    color:rgb(242, 31, 76)  
}
```

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(242, 31, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 31, 76) }
```

Border

The CSS property to change the border of an element to HunterLab 45.1431, 72.8858, 20.1128 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(242, 31, 76) }
```


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

```
.border{ border-color:rgb(242, 31, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 31, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 31, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 31, 76);  
box-shadow:4px 4px 4px 4px rgb(242, 31,  
76) }
```

Background

The CSS property to change the background color of an element to HunterLab 45.1431, 72.8858, 20.1128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 31, 76) }
```

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

```
.background{ background-color: rgb(242, 31,  
76) }
```

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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