

Converting Colors

HunterLab(45.5787, 77.2105,
-2.7789)

Have a look what the booklet for
HunterLab(45.5787, 77.2105,
-2.7789) contains.

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Color

**HunterLab(45.5815, 77.2590,
-2.8331)**

Conversions

Conversions Part 1

Format	Color
Hex	ED1D8C
RGB	237, 29, 140
RGB Percent	93%, 11%, 55%
CMY	0.0706, 0.8862, 0.4510
CMYK	0.00, 0.88, 0.41, 0.07
HSL	328°, 85%, 52%
HSV	328°, 88%, 93%
XYZ	40.0981, 20.7767, 26.7078
YIQ	103.8460, 88.3370, 78.6170

Conversions

Conversions Part 2

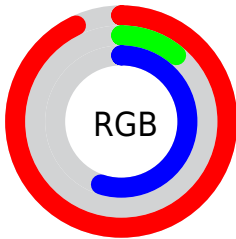
Format	Color
R_{YB}	237, 29, 140
Decimal	15539596
CIE _{Lab}	52.71, 78.86, -6.74
CIE _{LCh}	53, 79.145, 355.116
Yxy	20.7779, 0.4578, 0.2372
Android (android.graphics.Color)	4293729676 (0xFFED1D8C)
YUV	103.8460, 17.8239, 116.7761
Hunter-Lab	45.5815, 77.2590, -2.8331

Details

The HunterLab color **45.5815, 77.2590, -2.8331** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark washed rose. A complement of this color would be **78.9537, -60.0374, 32.7711**, and the grayscale version is **37.0644, -1.9777, 2.0138**.

A 20% lighter version of the original color is **59.1700, 64.8343, -12.9591**, and **31.3881, 56.1049, 2.0521** is the 20% darker color. If you saturate the color by 10%, you get **44.3888, 78.9154, 1.0176**, and if you desaturate by 10%, it is **47.7093, 72.8094, -5.7406**.

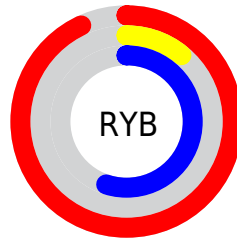
Distribution



Red (93%)

Green (11%)

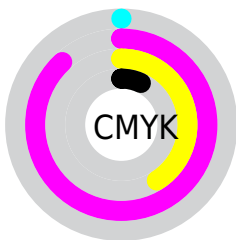
Blue (55%)



Red (93%)

Yellow (11%)

Blue (55%)

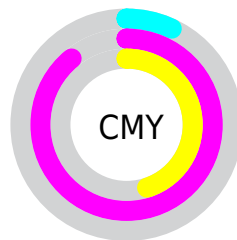


Cyan (0%)

Magenta (88%)

Yellow (41%)

Black (7%)



Cyan (7%)

Magenta (89%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 45.5815, 77.2590, -2.8331 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 45.5815, 77.2590, -2.8331 by changing the saturation by 10% instead.

45.5815, 77.2590,
-2.8331

45.5815, 77.2590,
-2.8331

160.0300, 96.5863,
0.8891

36.0025, 74.8282,
-2.9981

66.8712, 82.0981,
-2.3211

27.2070, 72.5467,
-3.0955

78.4920, 84.4282,
-1.9880

19.2741, 70.7101,
-3.1134

90.7174, 86.6749,
-1.6084

12.3101, 70.1317,
-3.0379

103.5189, 88.8331,
-1.1857

5.4729, 91.0252,
-4.8057

116.8716, 90.9017,
-0.7224

0.0000, INF, NaN

0.0000, INF, NaN

130.7537, 92.8818,

-0.2208

0.0000, NaN, NaN

145.1456, 94.7757,
0.3169

0.0000, NaN, NaN

■ 45.5815, 77.2590,
-2.8331

■ 45.5815, 77.2590,
-2.8331

■ 44.3888, 78.9154,
1.0176

■ 47.7093, 72.8094,
-5.7406

■ 44.1847, 79.1039,
1.9138

■ 50.8376, 65.7722,
-7.4470

■ 54.9237, 56.8027,
-7.9283

■ 59.8712, 46.6359,
-7.3155

■ 65.5651, 35.8726,
-5.8037

71.8938, 24.9190,
-3.5883

78.7593, 14.0123,
-0.8349

86.0797, 3.2717,
2.3279

93.7885, -7.2562,
5.8043

Harmonies

Analogous

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



45.5828, 60.3930, -45.7836



45.5815, 77.2590, -2.8331



45.5828, 68.3877, 21.0878

Triad

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



45.5828, 77.2545, -2.8316



45.5828, -25.8797, 30.0938



45.5828, -32.7517, -77.2652

Complementary

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



45.5815, 77.2590, -2.8331



78.9537, -60.0374, 32.7711

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.



45.5828, -46.0865, -30.3248



45.5815, 77.2590, -2.8331



45.5828, -42.9613, 24.9662

Square

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



45.5828, 77.2545, -2.8316



45.5828, 2.9654, 30.8154



45.5828, -49.2229, 7.2227



45.5828, -7.5944, -104.0903

Rectangle

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



45.5815, 77.2590, -2.8331



45.5828, 50.0903, 27.6106



45.5828, -49.2229, 7.2227



45.5828, -38.4561, -62.2154

Sweetspot

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



45.5828, 77.2545, -2.8316



79.3173, 25.1140, -3.4415



33.4318, 68.7773, -120.2865



35.5407, 13.5347, -2.0299

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



45.5828, 77.2545, -2.8316



47.9995, 85.9078, 2.2782



43.6277, 69.8725, 25.4476



38.9723, 2.3397, 0.8104



32.6888, 58.5985, 0.8294



9.2655, 16.8022, -1.2593

Inverse Universe

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



45.5828, 77.2545, -2.8316



47.9995, 85.9078, 2.2782



81.4580, -44.8151, -3.2766



38.9723, 2.3397, 0.8104



32.6888, 58.5985, 0.8294



9.2655, 16.8022, -1.2593

Previews

White Background



This preview shows how the HunterLab color 45.5815, 77.2590, -2.8331 looks on a white background.

Color Contrast Check

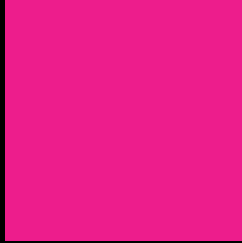
Large Text (above 18pt) WCAG AA ✓ Pass

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 45.5815, 77.2590, -2.8331 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 45.5815, 77.2590, -2.8331 Background



This preview shows how black text looks on a background with the HunterLab color 45.5815, 77.2590, -2.8331.



This preview shows how white text looks on a background with the HunterLab color 45.5815, 77.2590, -2.8331.

-2.8331.

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

45.5815, 77.2590, -2.8331

Protanopia

45.9955, 6.9862, -39.6268

Deuteranopia

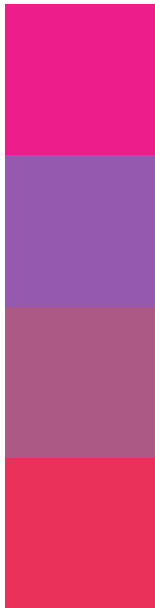
45.9304, 2.9008, 1.0909



Tritanopia

45.5361, 60.5060, 23.1844

Trichromacy



Original Color

45.5815, 77.2590, -2.8331

Protanomaly

40.9431, 32.9238, -33.6746

Deuteranomaly

42.1310, 32.6523, -5.2075

Tritanomaly

45.1965, 66.5428, 16.3257

Monochromacy



Original Color

45.5815, 77.2590, -2.8331

Achromatopsia

37.2064, -1.9852, 2.0215

Achromatomaly

36.4246, 28.4540, -4.4516

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 45.5815, 77.2590, -2.8331 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(237, 29, 140)` looks like.

```
.text, #text, p{  
    color:rgb(237, 29, 140)  
}
```

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(237, 29, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 29, 140) }
```

Border

The CSS property to change the border of an element to HunterLab 45.5815, 77.2590, -2.8331 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(237, 29, 140) }
```


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

```
.border{ border-color:rgb(237, 29, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 29, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 29, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 29, 140);  
box-shadow:4px 4px 4px 4px rgb(237, 29,  
140) }
```

Background

The CSS property to change the background color of an element to HunterLab 45.5815, 77.2590, -2.8331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 29, 140) }
```

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

```
.background{ background-color: rgb(237, 29,  
140) }
```

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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