

Converting Colors

Hex(248F15)

Have a look what the booklet for
Hex(248F15) contains.

Hex(248F15)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(248F15)

Conversions

Conversions Part 1

Format	Color
Hex	248F15
RGB	36, 143, 21
RGB Percent	14%, 56%, 8%
CMY	0.8588, 0.4392, 0.9176
CMYK	0.75, 0.00, 0.85, 0.44
HSL	113°, 74%, 32%
HSV	113°, 85%, 56%
XYZ	10.6854, 20.0741, 4.0210
YIQ	97.0990, -24.6100, -60.6260

Conversions

Conversions Part 2

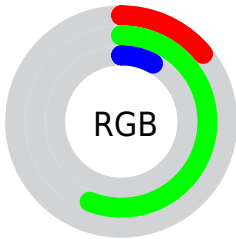
Format	Color
RYB	21, 143, 128
Decimal	2395925
CIELab	51.92, -51.45, 50.50
CIELCh	52, 72.092, 135.530
Yxy	20.0741, 0.3072, 0.5772
Android (android.graphics.Color)	4280586005 (0xFF248F15)
YUV	97.0990, -37.5168, -53.5838
Hunter-Lab	44.8042, -35.8367, 26.0419

Details

The Hex color **248F15** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **80158F**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **64C64D**, and **005B00** is the 20% darker color. If you saturate the color by 10%, you get **178F07**, and if you desaturate by 10%, it is **318F23**.

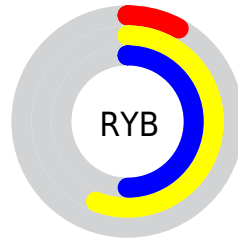
Distribution



Red (14%)

Green (56%)

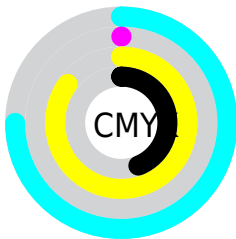
Blue (8%)



Red (8%)

Yellow (56%)

Blue (50%)

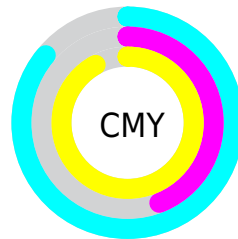


Cyan (75%)

Magenta (0%)

Yellow (85%)

Black (44%)



Cyan (86%)

Magenta (44%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 248F15 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 Hex color 248F15 by changing the saturation by 10% instead.



248F15



248F15

FFFFFF



007500



64C64D



005B00



80E268



004200



9DFF82



002D00



BAFF9D



000D00



D8FFB9



000000



F5FFD6



FFFFFF3



248F15



248F15

■ 178F07

■ 318F23

■ 128F00

■ 3D8F32

■ 4A8F40

■ 568F4E

■ 638F5D

■ 6F8F6B

■ 7C8F79

■ 888F87

■ 958F96

Harmonies

Analogous

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



788300



248F15



00955B

Triad

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



248F15



008CF4



E7325F

Complementary

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



248F15



80158F

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.



DA389C



248F15



0078F4

Square

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



248F15



0095D3



A55AD3



D55023

Rectangle

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



248F15



009786



A55AD3



E62E73

Sweetspot

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



248F15



90BA8A



8F7F15



455E41



DEDEDE



5E5E5E

Same Dimension

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



248F15



17BA00



158F42



414740



118700



010800

Inverse Universe

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



80158F



A300BA



8F1562



474047



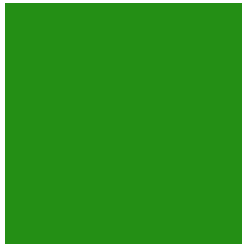
770087



070008

Previews

White Background



This preview shows how the Hex color 248F15 looks on a white background.

Color Contrast Check

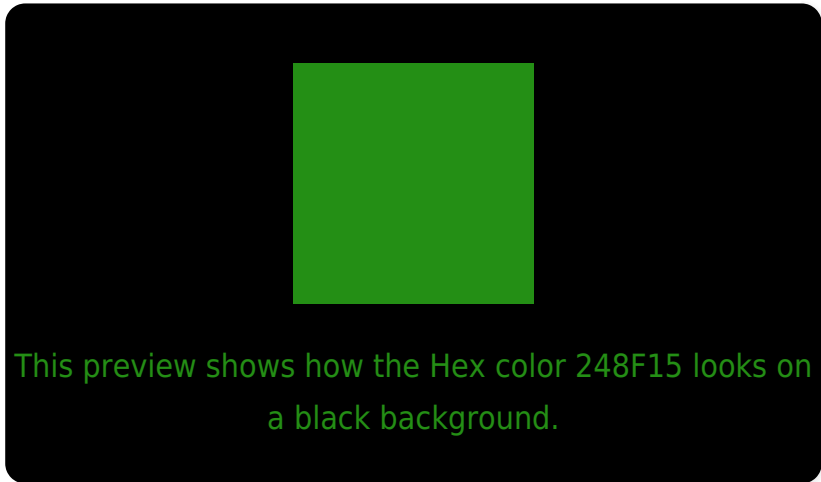
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

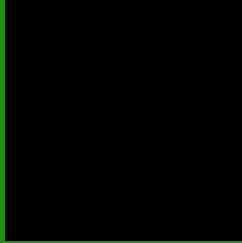
Any Text WCAG AA ✓ Pass

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](#).

Hex 248F15 Background



This preview shows how black text looks on a background with the Hex color 248F15.



This preview shows how white text looks on a background with the Hex color 248F15.

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
248F15

Protanopia
8B7B0F

Deuteranopia
9A7524



Tritanopia
448590

Trichromacy



Original Color
248F15



Protanomaly
668211



Deuteranomaly
6F7E1F



Tritanomaly
388963

Monochromacy



Original Color
248F15



Achromatopsia
616161



Achromatomaly
4B7245

CSS Examples

Text

The CSS property to change the color of the text to Hex 248F15 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 #248F15 looks like.

```
.text, #text, p{  
    color:#248F15  
}
```

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 #248F15 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #248F15
}
```

Border

The CSS property to change the border of an element to Hex 248F15 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
#248F15 }
```

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

```
.border{ border-color:#248F15 }
```

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

Here you see how a box with a 4 pixel #248F15 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #248F15; -webkit-box-shadow:4px 4px  
4px 4px #248F15; box-shadow:4px 4px 4px  
4px #248F15 }
```

Background

The CSS property to change the background color of an element to Hex 248F15 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#248F15 }
```

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

```
.background{ background-color:#248F15 }
```

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