

Converting Colors

Hex(048F35)

Have a look what the booklet for
Hex(048F35) contains.

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Color

Hex(048F35)

Conversions

Conversions Part 1

Format	Color
Hex	048F35
RGB	4, 143, 53
RGB Percent	2%, 56%, 21%
CMY	0.9843, 0.4392, 0.7922
CMYK	0.97, 0.00, 0.63, 0.44
HSL	141°, 95%, 29%
HSV	141°, 97%, 56%
XYZ	10.5151, 19.9278, 6.6604
YIQ	91.1790, -53.9540, -57.4580

Conversions

Conversions Part 2

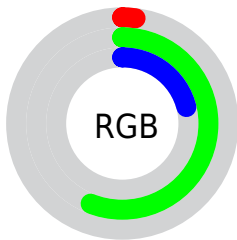
Format	Color
RYB	4, 107, 143
Decimal	298805
CIELab	51.76, -52.02, 38.02
CIELCh	52, 64.432, 143.841
Yxy	19.9278, 0.2834, 0.5371
Android (android.graphics.Color)	4278488885 (0xFF048F35)
YUV	91.1790, -18.8222, -76.4560
Hunter-Lab	44.6405, -36.0750, 22.4023

Details

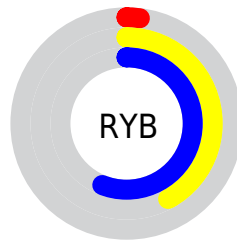
The Hex color **048F35** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **8F045E**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **55C667**, and **005B00** is the 20% darker color. If you saturate the color by 10%, you get **008F32**, and if you desaturate by 10%, it is **128F3E**.

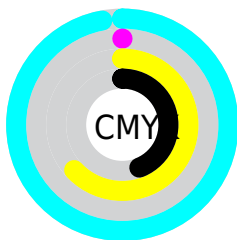
Distribution



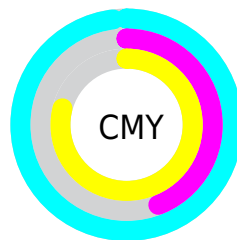
- Red (2%)
- Green (56%)
- Blue (21%)



- Red (2%)
- Yellow (42%)
- Blue (56%)



- Cyan (97%)
- Magenta (0%)
- Yellow (63%)
- Black (44%)




- Cyan (98%)
- Magenta (44%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 048F35 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 048F35 by changing the saturation by 10% instead.

 048F35

 048F35


FFFFFF

 00751C

 55C667

 005B00

 73E281

 004200

 90FF9C

 002C00

 ADFFB7


 000C00

 CAFFD3

 000000

 E8FFF0

 048F35

 048F35

 008F32

 128F3E

 218F48

 2F8F51

 3D8F5A

 4B8F63

 5A8F6D

 688F76

 768F7F

 858F88

Harmonies

Analogous

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



6A8500



048F35



00946E

Triad

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



048F35



0085EA



DB4552

Complementary

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



048F35



8F045E

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.



D74089



048F35



6172E1

Square

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



048F35



0090D4



B257BD



C55D1F

Rectangle

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



048F35



009494



B257BD



DD4064

Sweetspot

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



048F35



84BA97



5E8F04



3D5E49



DEDEDE



5E5E5E

Same Dimension

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



048F35



00BA42



048F7A



404743



008730



000803

Inverse Universe

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



8F045E



BA0079



8F0419



474045



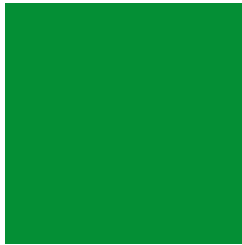
870058



080005

Previews

White Background



This preview shows how the Hex color 048F35 looks on a white background.

Color Contrast Check

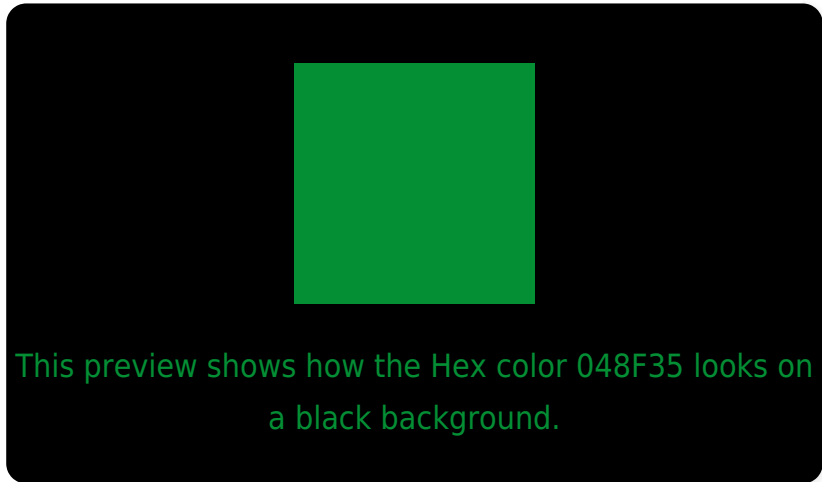
Large Text (above 18pt) WCAG AA ✓ Pass

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 048F35 Background



This preview shows how black text looks on a background with the Hex color 048F35.



This preview shows how white text looks on a background with the Hex color 048F35.

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
048F35

Protanopia
897B2F

Deuteranopia
97753D



Tritanopia
398691

Trichromacy



Original Color
048F35



Protanomaly
598231



Deuteranomaly
627E3A



Tritanomaly
268970

Monochromacy



Original Color
048F35



Achromatopsia
5B5B5B



Achromatomaly
3B6E4D

CSS Examples

Text

The CSS property to change the color of the text to Hex 048F35 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 #048F35 looks like.

```
.text, #text, p{  
    color:#048F35  
}
```

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 #048F35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #048F35
}
```

Border

The CSS property to change the border of an element to Hex 048F35 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
#048F35 }
```

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

```
.border{ border-color:#048F35 }
```

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

Here you see how a box with a 4 pixel #048F35 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #048F35; -webkit-box-shadow:4px 4px  
4px 4px #048F35; box-shadow:4px 4px 4px  
4px #048F35 }
```

Background

The CSS property to change the background color of an element to Hex 048F35 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#048F35 }
```

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

```
.background{ background-color:#048F35 }
```

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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