

Converting Colors

Hex(08AF40)

Have a look what the booklet for
Hex(08AF40) contains.

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Color

Hex(08AF40)

Conversions

Conversions Part 1

Format	Color
Hex	08AF40
RGB	8, 175, 64
RGB Percent	3%, 69%, 25%
CMY	0.9686, 0.3137, 0.7490
CMYK	0.95, 0.00, 0.63, 0.31
HSL	140°, 91%, 36%
HSV	140°, 95%, 69%
XYZ	16.3555, 31.0817, 9.9878
YIQ	112.4130, -63.9010, -69.9250

Conversions

Conversions Part 2

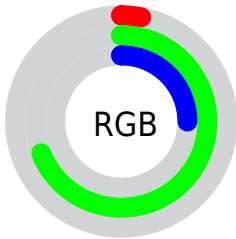
Format	Color
R _{YB}	8, 133, 175
Decimal	569152
CIE Lab	62.58, -60.59, 45.28
CIE LCh	63, 75.635, 143.227
Yxy	31.0817, 0.2848, 0.5413
Android (android.graphics.Color)	4278759232 (0xFF08AF40)
YUV	112.4130, -23.8676, -91.5702
Hunter-Lab	55.7510, -45.1982, 28.4038

Details

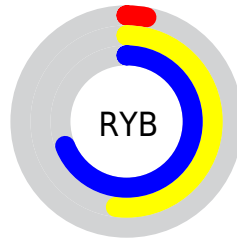
The Hex color **08AF40** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **AF0877**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **60E874**, and **007905** is the 20% darker color. If you saturate the color by 10%, you get **00AF3B**, and if you desaturate by 10%, it is **19AF4C**.

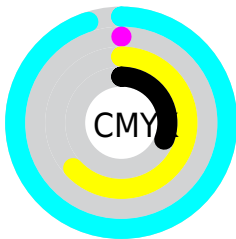
Distribution



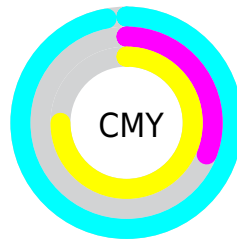
- Red (3%)
- Green (69%)
- Blue (25%)



- Red (3%)
- Yellow (52%)
- Blue (69%)



- Cyan (95%)
- Magenta (0%)
- Yellow (63%)
- Black (31%)



- Cyan (97%)
- Magenta (31%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 08AF40 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 08AF40 by changing the saturation by 10% instead.



08AF40



08AF40

FFFFFF



009426



60E874



007905



7FFF8F



005F00



9DFFAA



004500



BBFFC6



002F00



D9FFE2



001000



F8FFFF



000000



08AF40



08AF40



00AF3B



19AF4C

 2BAF57

 3CAF63

 4EAF6F

 60AF7A

 71AF86

 83AF91

 94AF9D

 A6AFA9

Harmonies

Analogous

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



83A300



08AF40



00B585

Triad

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



08AF40



00A4FF



FF5467

Complementary

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



08AF40



AF0877

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.



FF4FAA



08AF40



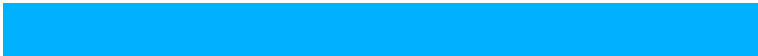
738CFF

Square

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



08AF40



00B1FF



D86BE9



F27228

Rectangle

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



08AF40



00B6B4



D86BE9



FF4E7D

Sweetspot

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



08AF40



A1E3B7



77AF08



4B7358



F2F2F2



737373

Same Dimension

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



08AF40



00E34C



08AF93



4E5751



009632



001708

Inverse Universe

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



AF0877



E30097



AF0824



574E54



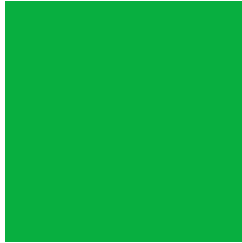
960064



17000F

Previews

White Background



This preview shows how the Hex color 08AF40 looks on a white background.

Color Contrast Check

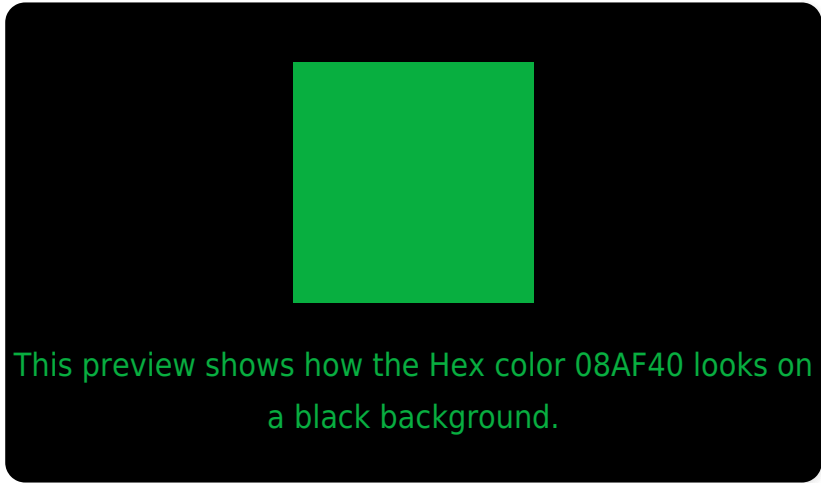
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 08AF40 Background



This preview shows how black text looks on a background with the Hex color 08AF40.

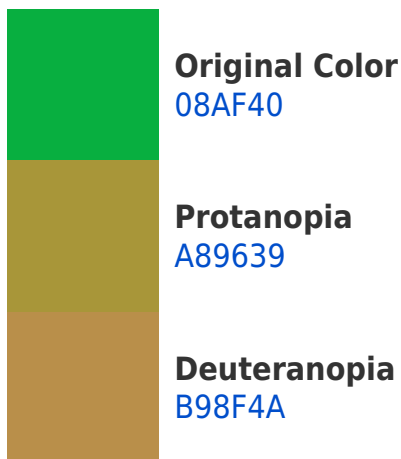


This preview shows how white text looks on a background with the Hex color 08AF40.

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





Tritanopia
47A4B1

Trichromacy



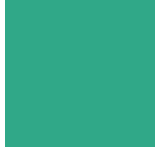
Original Color
08AF40



Protanomaly
6E9F3C



Deuteranomaly
799B46



Tritanomaly
30A888

Monochromacy



Original Color
08AF40



Achromatopsia
707070



Achromatomaly
4A875F

CSS Examples

Text

The CSS property to change the color of the text to Hex 08AF40 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 #08AF40 looks like.

```
.text, #text, p{  
    color:#08AF40  
}
```

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 #08AF40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #08AF40
}
```

Border

The CSS property to change the border of an element to Hex 08AF40 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
#08AF40 }
```

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

```
.border{ border-color:#08AF40 }
```

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

Here you see how a box with a 4 pixel #08AF40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #08AF40; -webkit-box-shadow:4px 4px  
4px 4px #08AF40; box-shadow:4px 4px 4px  
4px #08AF40 }
```

Background

The CSS property to change the background color of an element to Hex 08AF40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#08AF40 }
```

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

```
.background{ background-color:#08AF40 }
```

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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