

Converting Colors

Hex(06B93F)

Have a look what the booklet for
Hex(06B93F) contains.

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Color

Hex(06B93F)

Conversions

Conversions Part 1

Format	Color
Hex	06B93F
RGB	6, 185, 63
RGB Percent	2%, 73%, 25%
CMY	0.9765, 0.2745, 0.7529
CMYK	0.97, 0.00, 0.66, 0.27
HSL	139°, 94%, 37%
HSV	139°, 97%, 73%
XYZ	18.3213, 35.0955, 10.5111
YIQ	117.5710, -67.5220, -75.8900

Conversions

Conversions Part 2

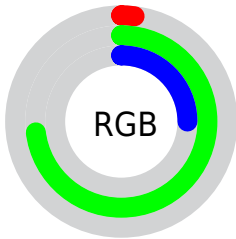
Format	Color
RYB	6, 142, 185
Decimal	440639
CIELab	65.82, -63.86, 49.33
CIELCh	66, 80.688, 142.315
Yxy	35.0955, 0.2866, 0.5490
Android (android.graphics.Color)	4278630719 (0xFF06B93F)
YUV	117.5710, -26.9035, -97.8478
Hunter-Lab	59.2415, -48.4689, 30.9493

Details

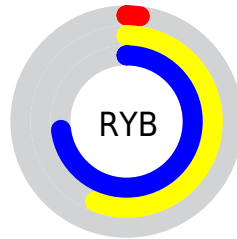
The Hex color **06B93F** is a dark color, and the websafe version is hex **00CC66**. A complement of this color would be **B90680**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **63F274**, and **008200** is the 20% darker color. If you saturate the color by 10%, you get **00B93B**, and if you desaturate by 10%, it is **18B94C**.

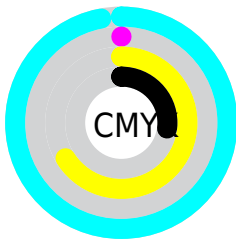
Distribution



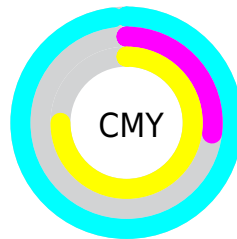
- Red (2%)
- Green (73%)
- Blue (25%)



- Red (2%)
- Yellow (56%)
- Blue (73%)



- Cyan (97%)
- Magenta (0%)
- Yellow (66%)
- Black (27%)



- Cyan (98%)
- Magenta (27%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 06B93F 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 06B93F by changing the saturation by 10% instead.

 06B93F

 06B93F

FFFFFF

 009D24

 63F274

 008200

 82FF8F

 006800

 A1FFAA

 004E00

 BFFFC6

 003700

 DEFFE3

 001D00

FDFFFF

 000000

 06B93F

 06B93F

 00B93B

 18B94C

 2BB958

 3DB965

 50B971

 63B97E

 75B98B

 88B997

 9AB9A4

 ADB9B0

Harmonies

Analogous

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



8CAC00



06B93F



00BF8A

Triad

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



06B93F



00AEFF



FF556E

Complementary

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



06B93F



B90680

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.



FF51B6



06B93F



7295FF

Square

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



06B93F



00BCFF



E471FA



FF7629

Rectangle

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



06B93F



00C0BD



E471FA



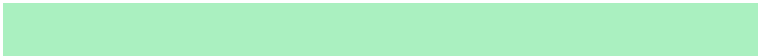
FF4E85

Sweetspot

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



06B93F



AAF0C0



80B906



4E785B



F7F7F7



787878

Same Dimension

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



06B93F



00F04C



06B998



535C56



009C32



001C09

Inverse Universe

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



B90680



F000A3



B90627



5C5359



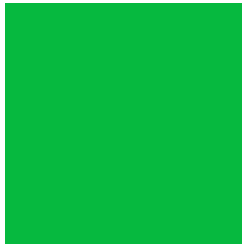
9C006A



1C0013

Previews

White Background



This preview shows how the Hex color 06B93F looks on a white background.

Color Contrast Check

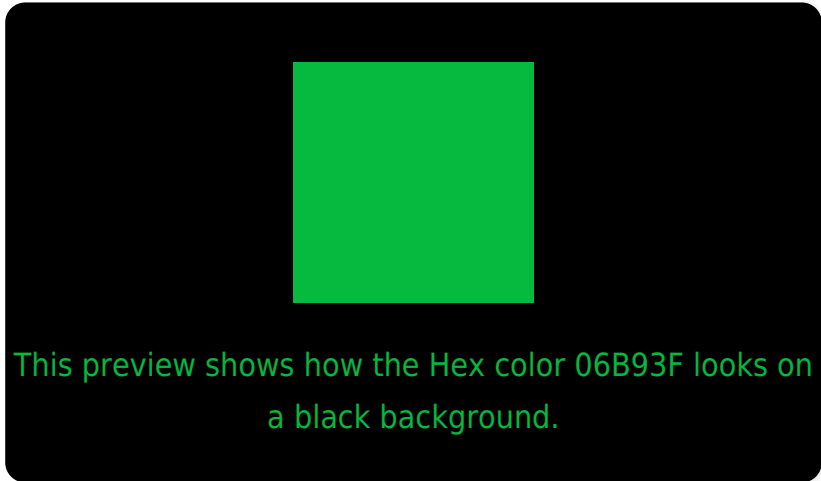
Large Text (above 18pt) WCAG AA × Fail

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 06B93F Background



This preview shows how black text looks on a background with the Hex color 06B93F.




This preview shows how white text looks on a background with the Hex color 06B93F.

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
4BADBB

Trichromacy



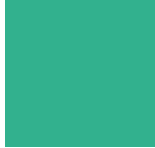
Original Color
06B93F



Protanomaly
73A83B



Deuteranomaly
7FA346



Tritanomaly
32B18E

Monochromacy



Original Color
06B93F



Achromatopsia
767676



Achromatomaly
4D8E62

CSS Examples

Text

The CSS property to change the color of the text to Hex 06B93F 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 #06B93F looks like.

```
.text, #text, p{  
    color:#06B93F  
}
```

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 #06B93F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #06B93F
}
```

Border

The CSS property to change the border of an element to Hex 06B93F 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
#06B93F }
```

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

```
.border{ border-color:#06B93F }
```

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

Here you see how a box with a 4 pixel #06B93F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #06B93F; -webkit-box-shadow:4px 4px  
4px 4px #06B93F; box-shadow:4px 4px 4px  
4px #06B93F }
```

Background

The CSS property to change the background color of an element to Hex 06B93F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#06B93F }
```

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

```
.background{ background-color:#06B93F }
```

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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