

Converting Colors

Hex(08A141)

Have a look what the booklet for
Hex(08A141) contains.

Hex(08A141)	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(08A141)

Conversions

Conversions Part 1

Format	Color
Hex	08A141
RGB	8, 161, 65
RGB Percent	3%, 63%, 25%
CMY	0.9686, 0.3686, 0.7451
CMYK	0.95, 0.00, 0.60, 0.37
HSL	142°, 91%, 33%
HSV	142°, 95%, 63%
XYZ	13.7991, 25.9230, 9.2774
YIQ	104.3090, -60.3720, -62.2920

Conversions

Conversions Part 2

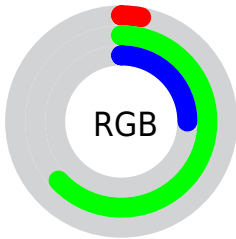
Format	Color
RYB	8, 119, 161
Decimal	565569
CIELab	57.96, -56.02, 39.52
CIElCh	58, 68.556, 144.801
Yxy	25.9230, 0.2816, 0.5290
Android (android.graphics.Color)	4278755649 (0xFF08A141)
YUV	104.3090, -19.3793, -84.4630
Hunter-Lab	50.9147, -40.7227, 24.8368

Details

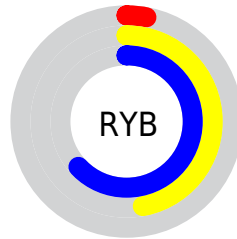
The Hex color **08A141** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **A10868**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **5BD974**, and **006C0D** is the 20% darker color. If you saturate the color by 10%, you get **00A13C**, and if you desaturate by 10%, it is **18A14B**.

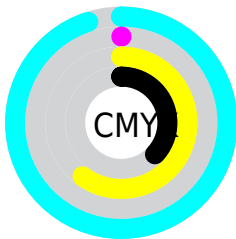
Distribution



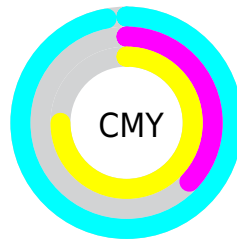
- Red (3%)
- Green (63%)
- Blue (25%)



- Red (3%)
- Yellow (47%)
- Blue (63%)



- Cyan (95%)
- Magenta (0%)
- Yellow (60%)
- Black (37%)



- Cyan (97%)
- Magenta (37%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 08A141 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 08A141 by changing the saturation by 10% instead.

 08A141

 08A141

FFFFFF

 008628

 5BD974

 006C0D

 7AF68E

 005200

 97FFA9

 003A00

 B5FFC5

 002300

 D3FFE1

 000000

 F1FFFE

 08A141

 08A141

 00A13C

 18A14B

 28A155

 38A15F

 48A169

 58A174

 69A17E

 79A188

 89A192

 99A19C

Harmonies

Analogous

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



779700



08A141



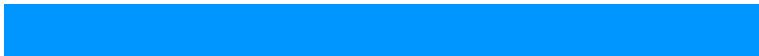
00A67F

Triad

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



08A141



0096FF



F3525D

Complementary

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



08A141



A10868

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.



F04C98



08A141



7380F9

Square

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



08A141



00A2ED



C963D1



DB6C26

Rectangle

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



08A141



00A7A8



C963D1



F64C70

Sweetspot

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



08A141



94D1AB



69A108



446952



E8E8E8



696969

Same Dimension

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



08A141



00D14E



08A18D



49524C



009136



001207

Inverse Universe

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



A10868



D10083



A1081C



52494F



91005B



12000B

Previews

White Background



This preview shows how the Hex color 08A141 looks on a white background.

Color Contrast Check

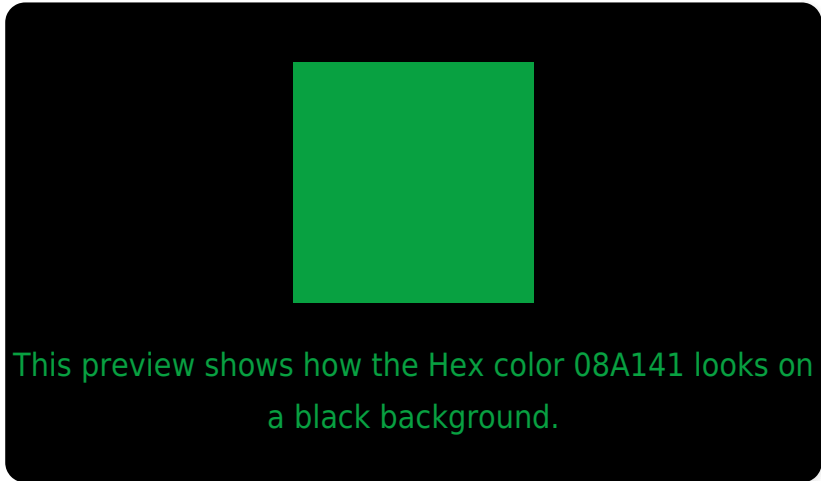
Large Text (above 18pt) WCAG AA ✓ Pass

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 08A141 Background



This preview shows how black text looks on a background with the Hex color 08A141.

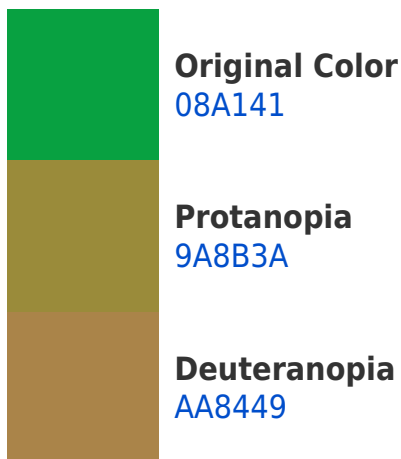


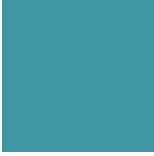
This preview shows how white text looks on a background with the Hex color 08A141.

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
4097A3

Trichromacy



Original Color
08A141



Protanomaly
65933D



Deuteranomaly
6F8F46



Tritanomaly
2C9B7F

Monochromacy



Original Color
08A141



Achromatopsia
686868



Achromatomaly
457D5A

CSS Examples

Text

The CSS property to change the color of the text to Hex 08A141 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 #08A141 looks like.

```
.text, #text, p{  
    color:#08A141  
}
```

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 #08A141 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #08A141
}
```

Border

The CSS property to change the border of an element to Hex 08A141 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".

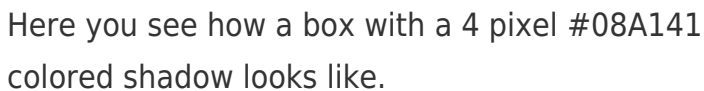
```
.border, #border, table{ border:4px solid
#08A141 }
```

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

```
.border{ border-color:#08A141 }
```

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

Here you see how a box with a 4 pixel #08A141 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #08A141; -webkit-box-shadow:4px 4px  
4px 4px #08A141; box-shadow:4px 4px 4px  
4px #08A141 }
```

Background

The CSS property to change the background color of an element to Hex 08A141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#08A141 }
```

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

```
.background{ background-color:#08A141 }
```

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