

Converting Colors

Hex(008E21)

Have a look what the booklet for
Hex(008E21) contains.

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Color

Hex(008E21)

Conversions

Conversions Part 1

Format	Color
Hex	008E21
RGB	0, 142, 33
RGB Percent	0%, 56%, 13%
CMY	1.0000, 0.4431, 0.8706
CMYK	1.00, 0.00, 0.77, 0.44
HSL	134°, 100%, 28%
HSV	134°, 100%, 56%
XYZ	9.9475, 19.4558, 4.6699
YIQ	87.1160, -49.6430, -64.0030

Conversions

Conversions Part 2

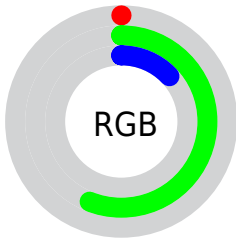
Format	Color
RYB	0, 115, 142
Decimal	36385
CIELab	51.22, -54.10, 45.88
CIELCh	51, 70.934, 139.697
Yxy	19.4558, 0.2919, 0.5710
Android (android.graphics.Color)	4278226465 (0xFF008E21)
YUV	87.1160, -26.6792, -76.4007
Hunter-Lab	44.1087, -36.9345, 24.5989

Details

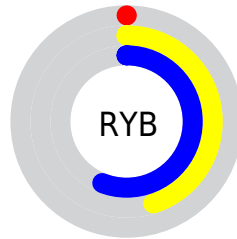
The Hex color **008E21** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **8E006D**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **55C555**, and **005A00** is the 20% darker color. If you saturate the color by 10%, you get **008E21**, and if you desaturate by 10%, it is **0E8E2C**.

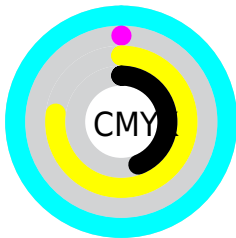
Distribution



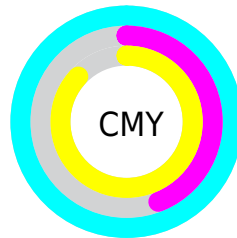
- Red (0%)
- Green (56%)
- Blue (13%)



- Red (0%)
- Yellow (45%)
- Blue (56%)



- Cyan (100%)
- Magenta (0%)
- Yellow (77%)
- Black (44%)



- Cyan (100%)
- Magenta (44%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 008E21 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 008E21 by changing the saturation by 10% instead.

 008E21

 008E21

FFFFFF

 007400

 55C555

 005A00

 73E16F

 004100

 90FF8A

 002B00

 ADFFA5

 000800

 CAFFC1

 000000

 E8FFDD

 FFFFFA

 008E21

 0E8E2C

 1C8E37

 2B8E42

 398E4D

 478E58

 558E62

 638E6D

 728E78

 808E83

Harmonies

Analogous

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



6E8300



008E21



009362

Triad

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



008E21



0088F2



E33555

Complementary

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



008E21



8E006D

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.



DA3492



008E21



3E73ED

Square

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



008E21



0092D6



AC54C9



CE541A

Rectangle

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



008E21



00958D



AC54C9



E32F69

Sweetspot

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



008E21



81B88D



6F8E00



3B5C42



DBDBDB



5C5C5C

Same Dimension

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



008E21



00B82B



008E66



404742



00871F



000802

Inverse Universe

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



8E006D



B8008D



8E0028



474046



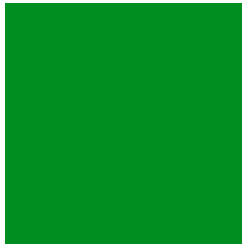
870068



080006

Previews

White Background



This preview shows how the Hex color 008E21 looks on a white background.

Color Contrast Check

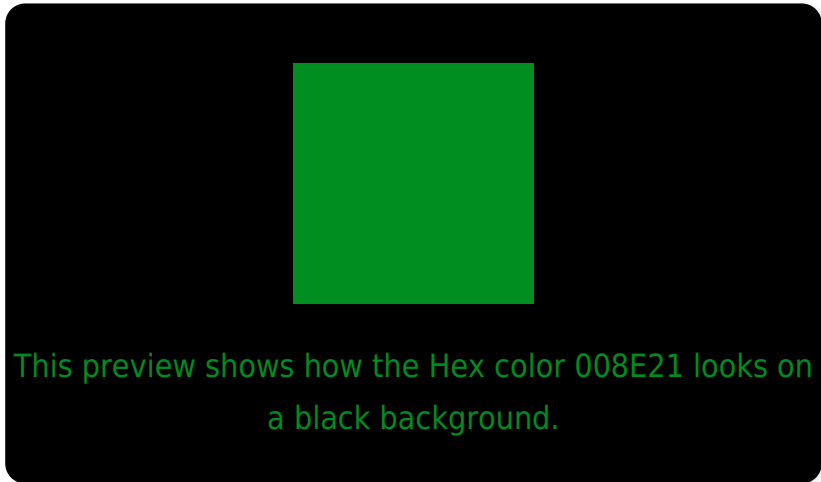
Large Text (above 18pt) WCAG AA ✓ Pass

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 008E21 Background



This preview shows how black text looks on a background with the Hex color 008E21.



This preview shows how white text looks on a background with the Hex color 008E21.

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
008E21

Protanopia
897A1C

Deuteranopia
98732C



Tritanopia
3B848F

Trichromacy



Original Color
008E21



Protanomaly
57811E



Deuteranomaly
617D28



Tritanomaly
268867

Monochromacy



Original Color
008E21



Achromatopsia
575757



Achromatomaly
376B43

CSS Examples

Text

The CSS property to change the color of the text to Hex 008E21 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 #008E21 looks like.

```
.text, #text, p{  
    color:#008E21  
}
```

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 #008E21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008E21
}
```

Border

The CSS property to change the border of an element to Hex 008E21 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
#008E21 }
```

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

```
.border{ border-color:#008E21 }
```

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

Here you see how a box with a 4 pixel #008E21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008E21; -webkit-box-shadow:4px 4px  
4px 4px #008E21; box-shadow:4px 4px 4px  
4px #008E21 }
```

Background

The CSS property to change the background color of an element to Hex 008E21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008E21 }
```

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

```
.background{ background-color:#008E21 }
```

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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