

# Converting Colors

Hex(0FE262)

Have a look what the booklet for  
Hex(0FE262) contains.

<b>Hex(0FE262)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(0FE262)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0FE262
RGB	15, 226, 98
RGB Percent	6%, 89%, 38%
CMY	0.9412, 0.1137, 0.6157
CMYK	0.93, 0.00, 0.57, 0.11
HSL	144°, 88%, 47%
HSV	144°, 93%, 89%
XYZ	29.5980, 55.3761, 20.6840
YIQ	148.3190, -84.6680, -84.5400

# Conversions

## Conversions Part 2

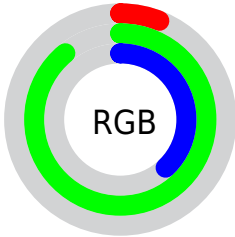
<b>Format</b>	<b>Color</b>
<b>RYB</b>	15, 166, 226
Decimal	1040994
CIELab	79.26, -71.69, 49.27
CIELCh	79, 86.984, 145.502
Yxy	55.3761, 0.2801, 0.5241
Android (android.graphics.Color)	4279231074 (0xFF0FE262)
YUV	148.3190, -24.8073, -116.9208
Hunter-Lab	74.4151, -59.2297, 35.6107

# Details

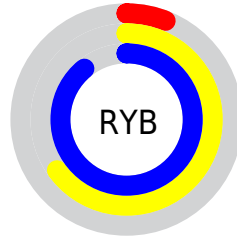
The Hex color **0FE262** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed spring green. A complement of this color would be **E20F8F**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **6FFF98**, and **00A92D** is the 20% darker color. If you saturate the color by 10%, you get **00E259**, and if you desaturate by 10%, it is **26E270**.

# Distribution



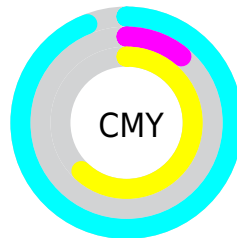
- Red (6%)
- Green (89%)
- Blue (38%)



- Red (6%)
- Yellow (65%)
- Blue (89%)



- Cyan (93%)
- Magenta (0%)
- Yellow (57%)
- Black (11%)



- Cyan (94%)
- Magenta (11%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0FE262 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 0FE262 by changing the saturation by 10% instead.



 0FE262

 0FE262

FFFFFF

 00C548

 6FFF98

 00A92D

 90FFB3

 008D0D

 B0FFD0

 007200

 D0FFED

 005800

 EFFFFFFF

 003F00

 002600

 000000

 0FE262

 0FE262

 00E259

 26E270

 3CE27D

 53E28B

 69E299

 80E2A7

 97E2B4

 ADE2C2

 C4E2D0

 DAE2DD

# Harmonies

## Analogous

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



A7D400



0FE262



00E8B5

# Triad

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



0FE262



00D2FF



FF7884

# Complementary

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



0FE262



E20F8F

# 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.



FF70D4



0FE262



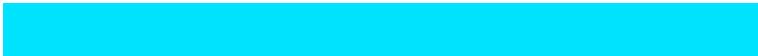
A9B4FF

# Square

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



0FE262



00E3FF



FF8DFF



FF9B3A

# Rectangle

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



0FE262



00EAED



FF8DFF



FF719E

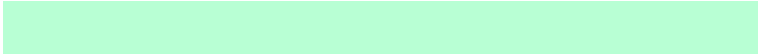


# Sweetspot

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



0FE262



B8FFD4



91E20F



548065



000000



808080



# Same Dimension

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



0FE262



00FF64



0FE2C9



657069



00B045



003013



# Inverse Universe

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



E20F8F



FF009B



E20F28



70656C



B0006B

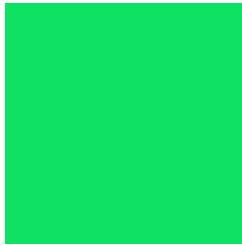


30001D



# Previews

## White Background



This preview shows how the Hex color 0FE262 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



This preview shows how the Hex color 0FE262 looks on a 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

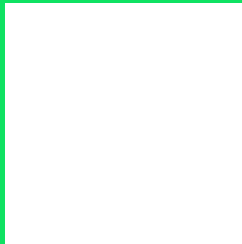
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0FE262 Background



This preview shows how black text looks on a background with the Hex color 0FE262.

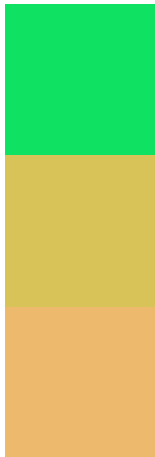


This preview shows how white text looks on a background with the Hex color 0FE262.

# 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](#).

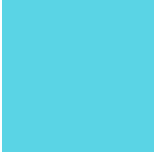
## Dichromacy



**Original Color**  
0FE262

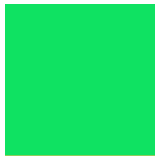
**Protanopia**  
D8C358

**Deuteranopia**  
EDB96D



**Tritanopia**  
5AD4E5

# Trichromacy



**Original Color**

0FE262



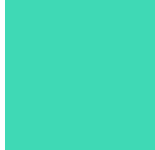
**Protanomaly**

8FCE5C



**Deuteranomaly**

9CC869



**Tritanomaly**

3FD9B5

# Monochromacy



**Original Color**

0FE262



**Achromatopsia**

949494



**Achromatomaly**

64B082

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0FE262 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 #0FE262 looks like.

```
.text, #text, p{  
    color:#0FE262  
}
```

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 #0FE262 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0FE262
}
```

## Border

The CSS property to change the border of an element to Hex 0FE262 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
#0FE262 }
```

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

```
.border{ border-color:#0FE262 }
```

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

Here you see how a box with a 4 pixel #0FE262 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0FE262; -webkit-box-shadow:4px 4px  
4px 4px #0FE262; box-shadow:4px 4px 4px  
4px #0FE262 }
```

# Background

The CSS property to change the background color of an element to Hex 0FE262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0FE262 }
```

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

```
.background{ background-color:#0FE262 }
```

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