

# Converting Colors

Hex(0ECF95)

Have a look what the booklet for  
Hex(0ECF95) contains.

<b>Hex(0ECF95)</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(0ECF95)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0ECF95
RGB	14, 207, 149
RGB Percent	5%, 81%, 58%
CMY	0.9451, 0.1882, 0.4157
CMYK	0.93, 0.00, 0.28, 0.19
HSL	162°, 87%, 43%
HSV	162°, 93%, 81%
XYZ	27.9187, 46.8889, 36.0128
YIQ	142.6810, -96.4100, -58.9540

# Conversions

## Conversions Part 2

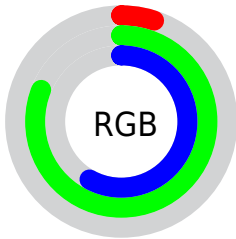
Format	Color
<a href="#">RYB</a>	<a href="#">14, 128, 207</a>
Decimal	<a href="#">970645</a>
CIELab	<a href="#">74.12, -56.07, 17.06</a>
CIELCh	<a href="#">74, 58.611, 163.074</a>
Yxy	<a href="#">46.8889, 0.2519, 0.4231</a>
Android (android.graphics.Color)	<a href="#">4279160725</a> ( <a href="#">0xFF0ECF95</a> )
YUV	<a href="#">142.6810, 3.1153, -112.8532</a>
Hunter-Lab	<a href="#">68.4755, -47.0543, 16.7509</a>

# Details

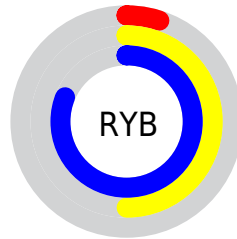
The Hex color **0ECF95** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **CF0E48**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **69FFCB**, and **009762** is the 20% darker color. If you saturate the color by 10%, you get **00CF91**, and if you desaturate by 10%, it is **23CF9B**.

# Distribution



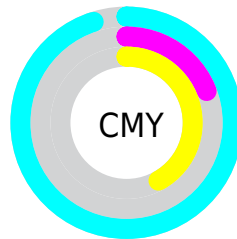
- Red (5%)
- Green (81%)
- Blue (58%)



- Red (5%)
- Yellow (50%)
- Blue (81%)



- Cyan (93%)
- Magenta (0%)
- Yellow (28%)
- Black (19%)



- Cyan (95%)
- Magenta (19%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0ECF95 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 0ECF95 by changing the saturation by 10% instead.



 0ECF95

 0ECF95

FFFFFF

 00B37B

 69FFCB

 009762

 8AFFE7

 007C4A

 A9FFFF

 006233

 C8FFFF

 00491D

 E7FFFF

 003206

 001700

 000000

 0ECF95

 0ECF95

 00CF91

 23CF9B

 37CFA1

 4CCFA8

 61CFAE

 76CFB4

 8ACFBA

 9FCFC1

 B4CFC7

 C8CFCD

# Harmonies

## Analogous

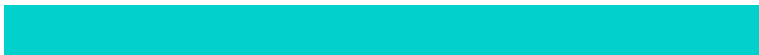
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82C864



0ECF95



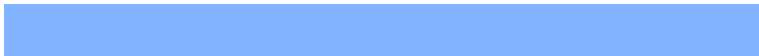
00D1CD

# Triad

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



0ECF95



83B4FF



FF946F

# Complementary

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



0ECF95



CF0E48

# 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.



FF87A1



0ECF95



D89EFF

# Square

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



0ECF95



00C5FF



FF8CD7



EEA84D

# Rectangle

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



0ECF95



00D0EF



FF8CD7



FF8F7E

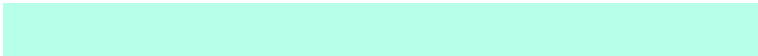


# Sweetspot

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



0ECF95



B8FFEA



4BCF0E



548072



000000



808080



# Same Dimension

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



0ECF95



00FFB2



0EACCF



5E6965



00A876



00291D



# Inverse Universe

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



CF0E48



FF004D



CF310E



695E61



A80033

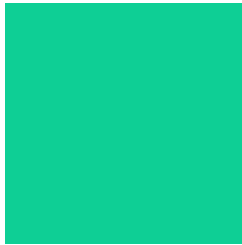


29000C



# Previews

## White Background



This preview shows how the Hex color 0ECF95 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 0ECF95 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

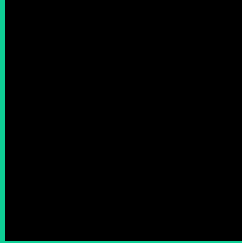
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 0ECF95 Background



This preview shows how black text looks on a background with the Hex color 0ECF95.

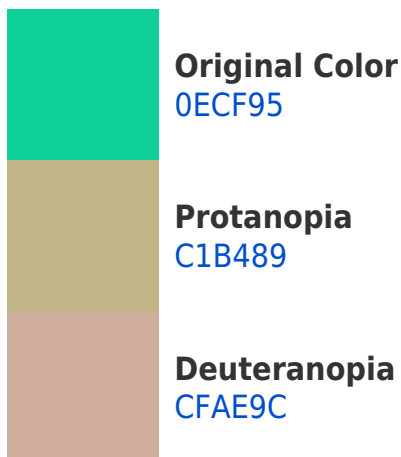


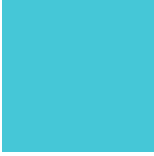
This preview shows how white text looks on a background with the Hex color 0ECF95.

# 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**  
45C7D7

# Trichromacy



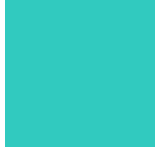
**Original Color**  
0ECF95



**Protanomaly**  
80BE8D



**Deuteranomaly**  
89BA99



**Tritanomaly**  
31CABF

# Monochromacy



**Original Color**  
0ECF95



**Achromatopsia**  
8F8F8F



**Achromatomaly**  
60A691

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0ECF95 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 #0ECF95 looks like.

```
.text, #text, p{  
    color:#0ECF95  
}
```

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 #0ECF95 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0ECF95
}
```

## Border

The CSS property to change the border of an element to Hex 0ECF95 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
#0ECF95 }
```

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

```
.border{ border-color:#0ECF95 }
```

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

Here you see how a box with a 4 pixel #0ECF95 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0ECF95; -webkit-box-shadow:4px 4px  
4px 4px #0ECF95; box-shadow:4px 4px 4px  
4px #0ECF95 }
```

# Background

The CSS property to change the background color of an element to Hex 0ECF95 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0ECF95 }
```

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

```
.background{ background-color:#0ECF95 }
```

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