

# Converting Colors

Hex(21E36A)

Have a look what the booklet for  
Hex(21E36A) contains.

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# Color

Hex(21E36A)

# Conversions

## Conversions Part 1

Format	Color
Hex	21E36A
RGB	33, 227, 106
RGB Percent	13%, 89%, 42%
CMY	0.8706, 0.1098, 0.5843
CMYK	0.85, 0.00, 0.53, 0.11
HSL	143°, 78%, 51%
HSV	143°, 85%, 89%
XYZ	30.6978, 56.3021, 22.8851
YIQ	155.2000, -76.7830, -78.7590

# Conversions

## Conversions Part 2

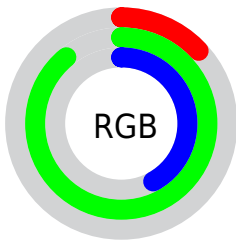
Format	Color
<a href="#">RYB</a>	<a href="#">33, 174, 227</a>
Decimal	<a href="#">2220906</a>
CIELab	<a href="#">79.79, -69.82, 46.23</a>
CIELCh	<a href="#">80, 83.738, 146.486</a>
Yxy	<a href="#">56.3021, 0.2794, 0.5124</a>
Android (android.graphics.Color)	<a href="#">4280410986 (0xFF21E36A)</a>
YUV	<a href="#">155.2000, -24.2556, -107.1694</a>
Hunter-Lab	<a href="#">75.0347, -58.2838, 34.4412</a>

# Details

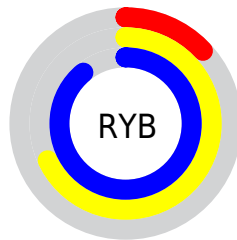
The Hex color **21E36A** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **E3219A**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **74FFA0**, and **00AA36** is the 20% darker color. If you saturate the color by 10%, you get **0AE35C**, and if you desaturate by 10%, it is **38E378**.

# Distribution



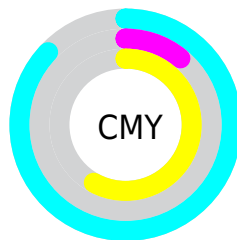
- Red (13%)
- Green (89%)
- Blue (42%)



- Red (13%)
- Yellow (68%)
- Blue (89%)



- Cyan (85%)
- Magenta (0%)
- Yellow (53%)
- Black (11%)



- Cyan (87%)
- Magenta (11%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 21E36A 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 21E36A by changing the saturation by 10% instead.



 21E36A

 21E36A

FFFFFF

 00C650

 74FFA0

 00AA36

 95FFBB

 008E1A

 B4FFD8

 007300

 D4FFF5

 005900

 F3FFFF

 004000

 002700

 000000

 21E36A

 21E36A

■ 0AE35C

■ 38E378

■ 00E355

■ 4EE386

■ 65E394

■ 7CE3A3

■ 93E3B1

■ A9E3BF

■ C0E3CD

■ D7E3DB

■ EDE3E9

# Harmonies

## Analogous

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



A8D61E



21E36A



00E9BA

# Triad

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



21E36A



00D2FF



FF7F85

# Complementary

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



21E36A



E3219A

# 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.



FF76D2



21E36A



B2B5FF

# Square

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



21E36A



00E3FF



FF90FF



FF9F40

# Rectangle

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



21E36A



00EAF0



FF90FF



FF789E

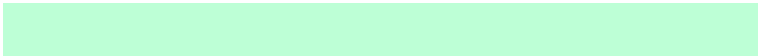


# Sweetspot

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



21E36A



BDFFD6



9CE321



588067



000000



808080



# Same Dimension

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



21E36A



00FF60



21E3C9



67736C



00B343



003313



# Inverse Universe

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



E3219A



FF009F



E3213B



73676E



B3006F

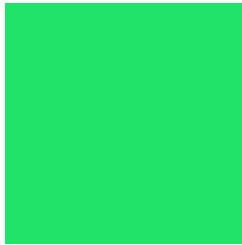


330020



# Previews

## White Background



This preview shows how the Hex color 21E36A 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 21E36A 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 21E36A Background



This preview shows how black text looks on a background with the Hex color 21E36A.

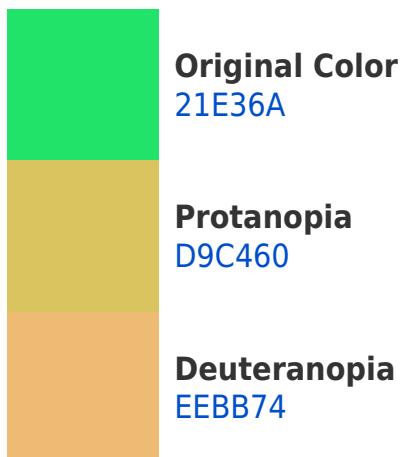


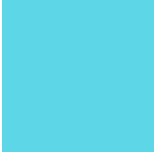
This preview shows how white text looks on a background with the Hex color 21E36A.

# 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](#).

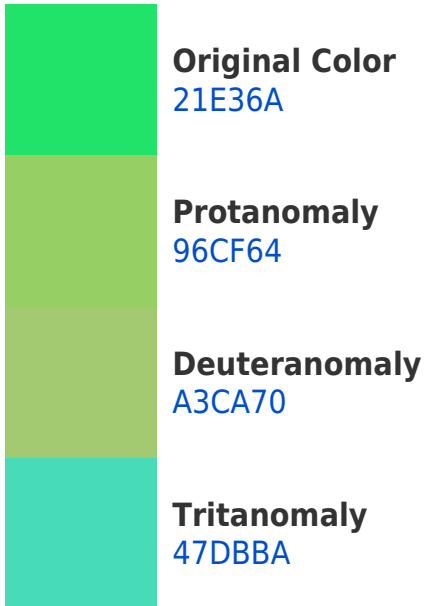
## Dichromacy



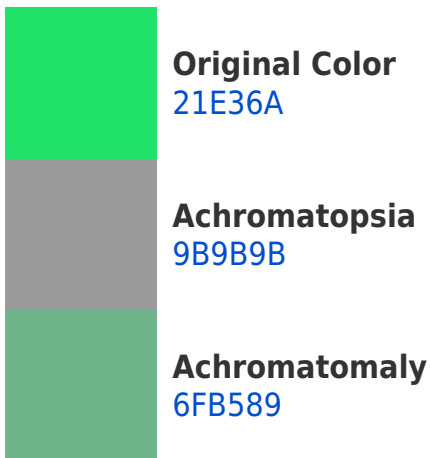


**Tritanopia**  
5DD6E7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 21E36A 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 #21E36A looks like.

```
.text, #text, p{  
    color:#21E36A  
}
```

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 #21E36A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21E36A
}
```

## Border

The CSS property to change the border of an element to Hex 21E36A 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
#21E36A }
```

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

```
.border{ border-color:#21E36A }
```

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

Here you see how a box with a 4 pixel #21E36A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21E36A; -webkit-box-shadow:4px 4px  
4px 4px #21E36A; box-shadow:4px 4px 4px  
4px #21E36A }
```

# Background

The CSS property to change the background color of an element to Hex 21E36A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21E36A }
```

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

```
.background{ background-color:#21E36A }
```

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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