

# Converting Colors

Hex(21EB54)

Have a look what the booklet for  
Hex(21EB54) contains.

<b>Hex(21EB54)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(21EB54)**

# Conversions

## Conversions Part 1

Format	Color
Hex	21EB54
RGB	33, 235, 84
RGB Percent	13%, 92%, 33%
CMY	0.8706, 0.0784, 0.6706
CMYK	0.86, 0.00, 0.64, 0.08
HSL	135°, 83%, 53%
HSV	135°, 86%, 92%
XYZ	31.9358, 60.3801, 18.3588
YIQ	157.3880, -71.9210, -89.7850

# Conversions

## Conversions Part 2

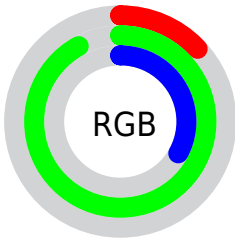
Format	Color
<b>RYB</b>	33, 194, 235
Decimal	2222932
CIELab	82.04, -75.00, 58.55
CIELCh	82, 95.151, 142.022
Yxy	60.3801, 0.2886, 0.5456
Android (android.graphics.Color)	4280413012 (0xFF21EB54)
YUV	157.3880, -36.1803, -109.0883
Hunter-Lab	77.7046, -62.6215, 40.3851

# Details

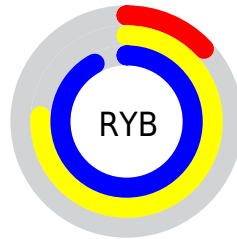
The Hex color **21EB54** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed green. A complement of this color would be **EB21B8**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **77FF8B**, and **00B117** is the 20% darker color. If you saturate the color by 10%, you get **0AEB42**, and if you desaturate by 10%, it is **38EB66**.

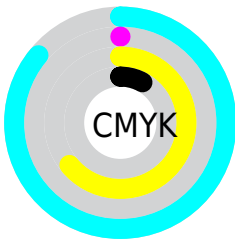
# Distribution



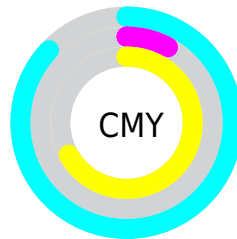
- Red (13%)
- Green (92%)
- Blue (33%)



- Red (13%)
- Yellow (76%)
- Blue (92%)



- Cyan (86%)
- Magenta (0%)
- Yellow (64%)
- Black (8%)



- Cyan (87%)
- Magenta (8%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 21EB54 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 21EB54 by changing the saturation by 10% instead.



 21EB54

 21EB54

FFFFFF

 00CE38

 77FF8B

 00B117

 98FFA7

 009600

 B8FFC3

 007A00

 D8FFE0

 006000

 F8FFFE

 004600

 002D00

 000E00

 000000

 21EB54

 21EB54

 0AEB42

 38EB66

 00EB3B

 50EB77

 68EB89

 7FEB9A

 96EBAC

 AEEBBD

 C6EBCF

 DDEBE1

 F4EBF2

# Harmonies

## Analogous

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



B5DB00



21EB54



00F3B0

# Triad

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



21EB54



00DEFF



FF718F

# Complementary

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



21EB54



EB21B8

# 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.



FF6CE8



21EB54



92BFFF

# Square

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



21EB54



00EFFF



FF93FF



FF993B

# Rectangle

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



21EB54



00F4EF



FF93FF



FF69AC

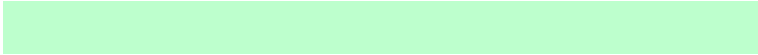


# Sweetspot

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



21EB54



BDFLCD



B8EB21



588062



000000



808080



# Same Dimension

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



21EB54



00FF40



21EBB8



6A756D



00B52E



00360E



# Inverse Universe

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



EB21B8



FF00BF



EB2154



756A72



B50087

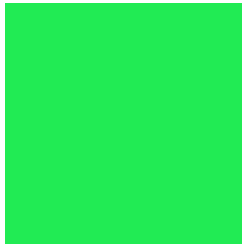


360028



# Previews

## White Background



This preview shows how the Hex color 21EB54 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 21EB54 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 21EB54 Background



This preview shows how black text looks on a background with the Hex color 21EB54.

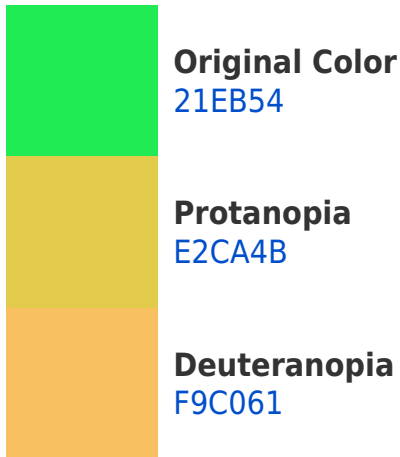


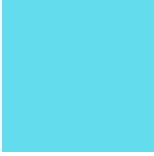
This preview shows how white text looks on a background with the Hex color 21EB54.

# 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](#).

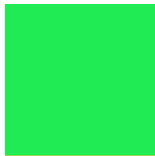
## Dichromacy





**Tritanopia**  
63DCEE

# Trichromacy



**Original Color**  
21EB54



**Protanomaly**  
9CD64E



**Deuteranomaly**  
AAD05C



**Tritanomaly**  
4BE1B6

# Monochromacy



**Original Color**  
21EB54



**Achromatopsia**  
9D9D9D



**Achromatomaly**  
70B982

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 21EB54 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 #21EB54 looks like.

```
.text, #text, p{  
    color:#21EB54  
}
```

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 #21EB54 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21EB54
}
```

## Border

The CSS property to change the border of an element to Hex 21EB54 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
#21EB54 }
```

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

```
.border{ border-color:#21EB54 }
```

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

Here you see how a box with a 4 pixel #21EB54 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21EB54; -webkit-box-shadow:4px 4px  
4px 4px #21EB54; box-shadow:4px 4px 4px  
4px #21EB54 }
```

# Background

The CSS property to change the background color of an element to Hex 21EB54 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21EB54 }
```

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

```
.background{ background-color:#21EB54 }
```

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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