

# Converting Colors

Hex(FFFF21)

Have a look what the booklet for  
Hex(FFFF21) contains.

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**Color**

**Hex(FFFF21)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFFF21
RGB	255, 255, 33
RGB Percent	100%, 100%, 13%
CMY	0.0000, 0.0000, 0.8706
CMYK	0.00, 0.00, 0.87, 0.00
HSL	60°, 100%, 56%
HSV	60°, 87%, 100%
XYZ	77.2745, 92.8898, 15.2956
YIQ	229.6920, 71.2620, -69.0420

# Conversions

## Conversions Part 2

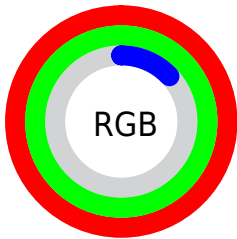
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	33, 255, 33
Decimal	16776993
CIE Lab	97.18, -21.19, 91.18
CIE LCh	97, 93.606, 103.087
Yxy	92.8898, 0.4167, 0.5009
Android (android.graphics.Color)	4294967073 (0xFFFFFFFF21)
YUV	229.6920, -96.9692, 22.1951
Hunter-Lab	96.3794, -25.5471, 58.0561

# Details

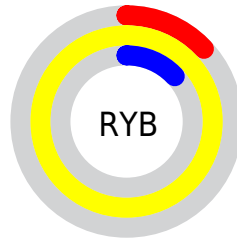
The Hex color **FFFF21** is a light color, and the websafe version is hex **FFFF00**. The color can be described as light washed yellow. A complement of this color would be **2121FF**, and the grayscale version is **E7E7E7**.

A 20% lighter version of the original color is **FFFF6A**, and **C2C700** is the 20% darker color. If you saturate the color by 10%, you get **FFFF08**, and if you desaturate by 10%, it is **FFFF3A**.

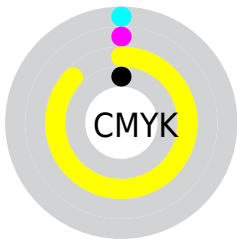
# Distribution



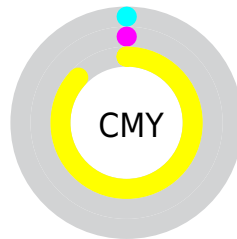
- Red (100%)
- Green (100%)
- Blue (13%)



- Red (13%)
- Yellow (100%)
- Blue (13%)



- Cyan (0%)
- Magenta (0%)
- Yellow (87%)
- Black (0%)



- Cyan (0%)
- Magenta (0%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFFF21 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 FFFF21 by changing the saturation by 10% instead.



 FFFF21

 FFFF21

FFFFFF

 E0E200


 FFFF6A

 C2C700

 FFFF89

 A4AB00

 FFFFA7


 869100

 FFFFC5

 697800

 FFFF E3

 4D5F00

 314700

 173100

 001D00

 FFFF21

 FFFF21

 FFFF08

 FFFF3A

 FFFF00

 FFFF54

 FFFF6D

 FFFF87

 FFFFA1

 FFFFBA

 FFFFD3

 FFFFED

FFFFFF

# Harmonies

## Analogous

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



FFE037



FFFF21



97FF67

# Triad

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



FFFF21



00FFFF



FFA7FF

# Complementary

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



FFFF21



2121FF

# 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.



FFCDFF



FFFF21



00FFFF

# Square

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



FFFF21



00FFFF



84F4FF



FF9ED3

# Rectangle

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



FFFF21



00FFA0



84F4FF



FFB2FF



# Sweetspot

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



FFFF21



FFFFBD



FF2121



808058



000000



808080



# Same Dimension

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



FFFF21



FFFF00



90FF21



808073



BFBF00



404000



# Inverse Universe

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



2121FF



0000FF



9021FF



737380



0000BF

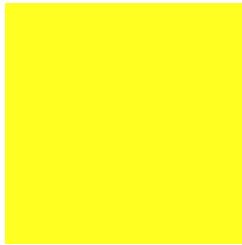


000040



# Previews

## White Background



This preview shows how the Hex color FFFF21 looks on a white background.

## Color Contrast Check

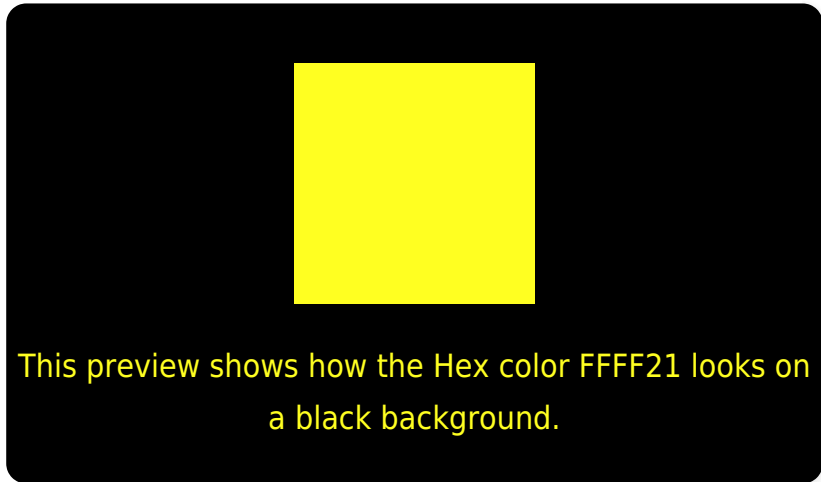
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 FFFF21 Background



This preview shows how black text looks on a background with the Hex color FFFF21.



This preview shows how white text looks on a background with the Hex color FFFF21.

# 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](#).

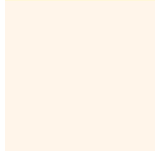
## Dichromacy



**Original Color**  
FFFF21



**Protanopia**  
FFF7D9



**Deuteranopia**  
FFF5EA

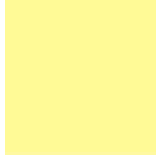


**Tritanopia**  
FFF4FA

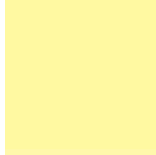
# Trichromacy



**Original Color**  
FFFF21



**Protanomaly**  
FFFA96

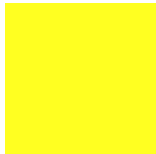


**Deuteranomaly**  
FFF9A1

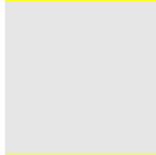


**Tritanomaly**  
FFF8AB

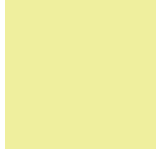
# Monochromacy



**Original Color**  
FFFF21



**Achromatopsia**  
E6E6E6



**Achromatomaly**  
EFEF9E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFFF21 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 #FFFF21 looks like.

```
.text, #text, p{  
    color:#FFFF21  
}
```

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 #FFFF21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFFF21
}
```

## Border

The CSS property to change the border of an element to Hex FFFF21 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
#FFFF21 }
```

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

```
.border{ border-color:#FFFF21 }
```

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

Here you see how a box with a 4 pixel #FFFF21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFFF21; -webkit-box-shadow:4px 4px  
4px 4px #FFFF21; box-shadow:4px 4px 4px  
4px #FFFF21 }
```

# Background

The CSS property to change the background color of an element to Hex FFFF21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFFF21 }
```

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

```
.background{ background-color:#FFFF21 }
```

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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