

# Converting Colors

Hex(FCE900)

Have a look what the booklet for  
Hex(FCE900) contains.

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**Color**

**Hex(FCE900)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FCE900
RGB	252, 233, 0
RGB Percent	99%, 91%, 0%
CMY	0.0118, 0.0863, 1.0000
CMYK	0.00, 0.08, 1.00, 0.01
HSL	55°, 100%, 49%
HSV	55°, 100%, 99%
XYZ	69.2838, 78.9733, 11.5917
YIQ	212.1190, 86.1170, -68.4350

# Conversions

## Conversions Part 2

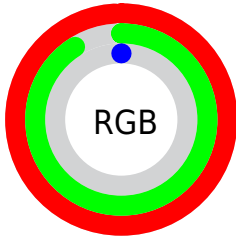
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	21, 252, 0
Decimal	16574720
CIE Lab	91.22, -12.18, 90.08
CIE LCh	91, 90.896, 97.699
Yxy	78.9733, 0.4334, 0.4940
Android (android.graphics.Color)	4294764800 (0xFFFC900)
YUV	212.1190, -104.5747, 34.9756
Hunter-Lab	88.8669, -16.3522, 54.4731

# Details

The Hex color **FCE900** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light saturated yellow. A complement of this color would be **0013FC**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **FFFF5C**, and **BEB200** is the 20% darker color. If you saturate the color by 10%, you get **FCE900**, and if you desaturate by 10%, it is **FCEB19**.

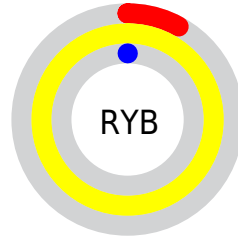
# Distribution



Red (99%)

Green (91%)

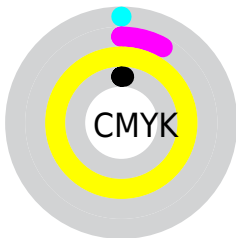
Blue (0%)



Red (8%)

Yellow (99%)

Blue (0%)

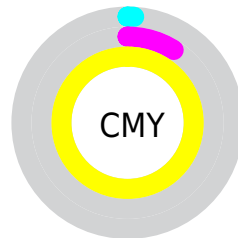


Cyan (0%)

Magenta (8%)

Yellow (100%)

Black (1%)



Cyan (1%)

Magenta (9%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FCE900 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 FCE900 by changing the saturation by 10% instead.



 FCE900

 FCE900

FFFFFF

 DDCD00

 FFFF5C

 BEB200

 FFFF7B

 A09700

 FFFF99

 837E00

 FFFFB6

 666500

 FFFFD4

 4A4D00

 FFFFF2

 303700

 172200

 000800

 FCE900

 FCEB19

 FCED32

 FCEF4C

 FCF165

 FCF37E

 FCF497

 FCF6B0

 FCF8CA

 FCFAE3

# Harmonies

## Analogous

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



FFC937



FCE900



9FFE4D

# Triad

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



FCE900



00FFFF



FF9EFF

# Complementary

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



FCE900



0013FC

# 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.



FFC4FF



FCE900



00FFFF

# Square

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



FCE900



00FFFB



11E9FF



FF8ED3

# Rectangle

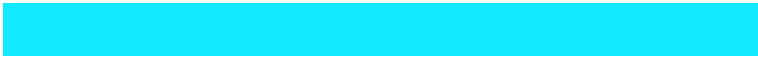
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FCE900



2BFF83



11E9FF



FFAAFF



# Sweetspot

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



FCE900



FFF9B3



FC0015



807C52



000000



808080



# Same Dimension

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



FCE900



FFEC00



93FC00



7D7C70



BDAE00



3D3900



# Inverse Universe

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



0013FC



0013FF



6900FC



70717D



000EBD



00053D



# Previews

## White Background



This preview shows how the Hex color FCE900 looks on a white background.

## Color Contrast Check

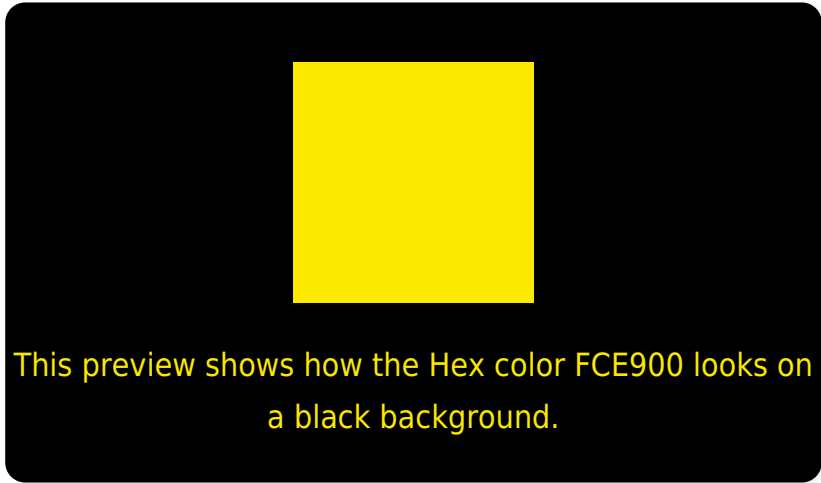
Large Text (above 18pt) WCAG AA × Fail

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 FCE900 Background



This preview shows how black text looks on a background with the Hex color FCE900.



This preview shows how white text looks on a background with the Hex color FCE900.

# 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**  
FCE900

**Protanopia**  
FFE663

**Deuteranopia**  
FFE1B9



**Tritanopia**  
FFDDE8

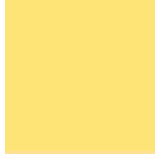
# Trichromacy



**Original Color**  
FCE900



**Protanomaly**  
FEE73F



**Deuteranomaly**  
FEE476

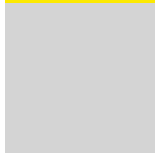


**Tritanomaly**  
FEE194

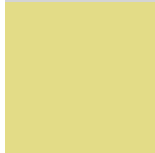
# Monochromacy



**Original Color**  
FCE900



**Achromatopsia**  
D4D4D4



**Achromatomaly**  
E3DC87

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FCE900 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 #FCE900 looks like.

```
.text, #text, p{  
    color:#FCE900  
}
```

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 #FCE900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FCE900
}
```

## Border

The CSS property to change the border of an element to Hex FCE900 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
#FCE900 }
```

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

```
.border{ border-color:#FCE900 }
```

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

Here you see how a box with a 4 pixel #FCE900 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FCE900; -webkit-box-shadow:4px 4px  
4px 4px #FCE900; box-shadow:4px 4px 4px  
4px #FCE900 }
```

# Background

The CSS property to change the background color of an element to Hex FCE900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FCE900 }
```

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

```
.background{ background-color:#FCE900 }
```

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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