

Converting Colors

Hex(FCE306)

Have a look what the booklet for
Hex(FCE306) contains.

Hex(FCE306)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(FCE306)

Conversions

Conversions Part 1

Format	Color
Hex	FCE306
RGB	252, 227, 6
RGB Percent	99%, 89%, 2%
CMY	0.0118, 0.1098, 0.9765
CMYK	0.00, 0.10, 0.98, 0.01
HSL	54°, 98%, 51%
HSV	54°, 98%, 99%
XYZ	67.6468, 75.6468, 11.2082
YIQ	209.2810, 85.8410, -63.4310

Conversions

Conversions Part 2

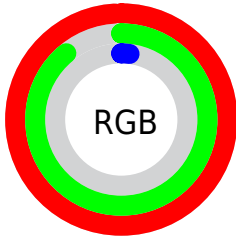
Format	Color
RYB	34, 252, 6
Decimal	16573190
CIELab	89.70, -9.17, 88.50
CIELCh	90, 88.974, 95.913
Yxy	75.6468, 0.4378, 0.4896
Android (android.graphics.Color)	4294763270 (0xFFFFCE306)
YUV	209.2810, -100.2175, 37.4646
Hunter-Lab	86.9751, -13.3742, 53.2421

Details

The Hex color **FCE306** 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 **061FFC**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **FFFF5C**, and **BEAC00** is the 20% darker color. If you saturate the color by 10%, you get **FCE200**, and if you desaturate by 10%, it is **FCE61F**.

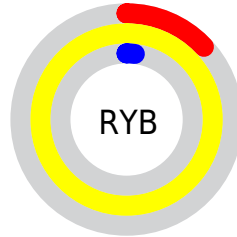
Distribution



Red (99%)

Green (89%)

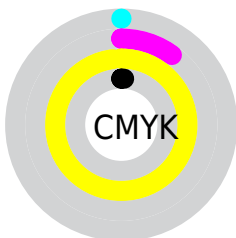
Blue (2%)



Red (13%)

Yellow (99%)

Blue (2%)

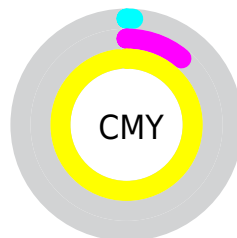


Cyan (0%)

Magenta (10%)

Yellow (98%)

Black (1%)



Cyan (1%)

Magenta (11%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color FCE306 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 FCE306 by changing the saturation by 10% instead.

 FCE306

 FCE306

FFFFFF

 DDC700

 FFFF5C

 BEAC00

 FFFF7B

 A09200

 FFFF98

 837800

 FFFFB6

 666000

 FFFFD4

 4A4900

 FFFFF2

 303200

 181E00

 000000

 FCE306

 FCE306

 FCE200

 FCE61F

 FCE838

 FCEB52

 FCED6B

 FCF084

 FCF29D

 FCF5B6

 FCF7D0

 FCFAE9

Harmonies

Analogous

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



FFC33B



FCE306



A3F849

Triad

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



FCE306



00FFFF



FF9DFF

Complementary

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



FCE306



061FFC

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.



F9C3FF



FCE306



00FDFF

Square

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



FCE306



00FFF0



00E6FF



FF8CD4

Rectangle

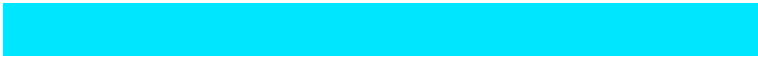
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FCE306



41FF7C



00E6FF



FFA9FF

Sweetspot

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



FCE306



FFF7B5



FC0623



807B53



000000



808080

Same Dimension

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



FCE306



FFE500



9EFC06



7D7C70



BDAA00



3D3700

Inverse Universe

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



061FFC



001AFF



6406FC



70727D



0013BD



00063D

Previews

White Background



This preview shows how the Hex color FCE306 looks on a white background.

Color Contrast Check

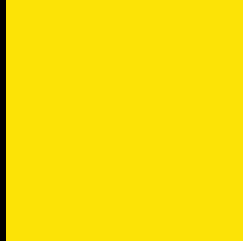
Large Text (above 18pt) WCAG AA × Fail

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 FCE306 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 FCE306 Background



This preview shows how black text looks on a background with the Hex color FCE306.



This preview shows how white text looks on a background with the Hex color FCE306.

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
FCE306

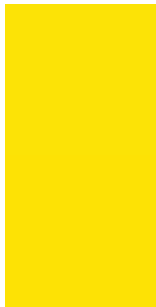
Protanopia
FEE204

Deuteranopia
FFDCAB



Tritanopia
FFD7E3

Trichromacy

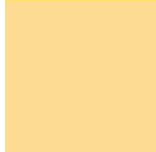


Original Color
FCE306

Protanomaly
FDE205



Deuteranomaly
FEDF6F



Tritanomaly
FEDB93

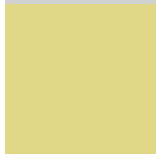
Monochromacy



Original Color
FCE306



Achromatopsia
D1D1D1



Achromatomaly
E1D887

CSS Examples

Text

The CSS property to change the color of the text to Hex FCE306 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 #FCE306 looks like.

```
.text, #text, p{  
    color:#FCE306  
}
```

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 #FCE306 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FCE306
}
```

Border

The CSS property to change the border of an element to Hex FCE306 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
#FCE306 }
```

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

```
.border{ border-color:#FCE306 }
```

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

Here you see how a box with a 4 pixel #FCE306 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FCE306; -webkit-box-shadow:4px 4px  
4px 4px #FCE306; box-shadow:4px 4px 4px  
4px #FCE306 }
```

Background

The CSS property to change the background color of an element to Hex FCE306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FCE306 }
```

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

```
.background{ background-color:#FCE306 }
```

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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