

# Converting Colors

Hex(FFEB24)

Have a look what the booklet for  
Hex(FFEB24) contains.

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# Color

**Hex(FFEB24)**

# Conversions

Conversions Part 1	
Format	Color
Hex	FFEB24
RGB	255, 235, 36
RGB Percent	100%, 92%, 14%
CMY	0.0000, 0.0784, 0.8588
CMYK	0.00, 0.08, 0.86, 0.00
HSL	55°, 100%, 57%
HSV	55°, 86%, 100%
XYZ	71.2668, 80.8040, 13.5096
YIQ	218.2940, 75.7990, -57.6490

# Conversions

## Conversions Part 2

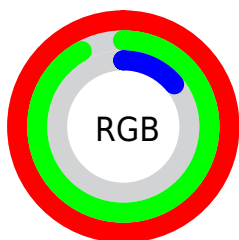
Format	Color
<a href="#">RYB</a>	<a href="#">58, 255, 36</a>
Decimal	<a href="#">16771876</a>
CIELab	<a href="#">92.04, -11.47, 86.53</a>
CIELCh	<a href="#">92, 87.287, 97.549</a>
Yxy	<a href="#">80.8040, 0.4304, 0.4880</a>
Android (android.graphics.Color)	<a href="#">4294961956</a> (0xFFFFEB24)
YUV	<a href="#">218.2940, -89.8709, 32.1912</a>
Hunter-Lab	<a href="#">89.8911, -15.7923, 54.0131</a>

# Details

The Hex color **FFEB24** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **2438FF**, and the grayscale version is **DBDBDB**.

A 20% lighter version of the original color is **FFFF69**, and **C2B400** is the 20% darker color. If you saturate the color by 10%, you get **FFE90A**, and if you desaturate by 10%, it is **FFED3D**.

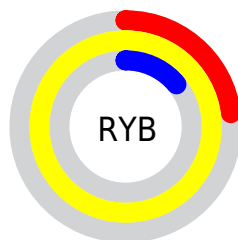
# Distribution



Red (100%)

Green (92%)

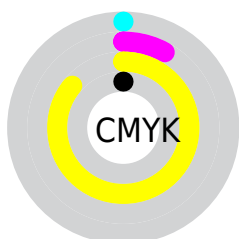
Blue (14%)



Red (23%)

Yellow (100%)

Blue (14%)

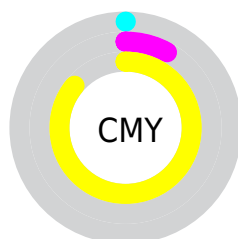


Cyan (0%)

Magenta (8%)

Yellow (86%)

Black (0%)



Cyan (0%)

Magenta (8%)

Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFEB24 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 FFEB24 by changing the saturation by 10% instead.



 FFEB24

 FFEB24

FFFFFF

 E0CF00

 FFFF69

 C2B400

 FFFF87

 A49900

 FFFFA4

 867F00

 FFFFC2

 696700

 FFFFDF

 4E4F00

FFFFFD

 333800

 1A2300

 000E00

 FFE824

 FFE824

 FFE90A

 FFED3D

 FFE800

 FFF057

 FFF270

 FFF48A

 FFF7A3

 FFF9BD

 FFFBD6

 FFFE0

FFFFFF

# Harmonies

## Analogous

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



FFCC44



FFEB24



A5FF57

# Triad

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



FFEB24



00FFFF



FFA5FF

# Complementary

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



FFEB24



2438FF

# 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.



FFC8FF



FFEB24



00FFFF

# Square

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



FFEB24



00FFFC



44EBFF



FF96D6

# Rectangle

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



FFEB24



45FF89



44EBFF



FFAFFF



# Sweetspot

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



FFEB24



FFF9BD



FF243A



807C58



000000



808080



# Same Dimension

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



FFEB24



FFE800



A7FF24



807E73



BFAE00



403A00



# Inverse Universe

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



2438FF



0017FF



7C24FF



737480



0011BF



000640



# Previews

## White Background



This preview shows how the Hex color FFE824 looks on a white background.

## Color Contrast Check

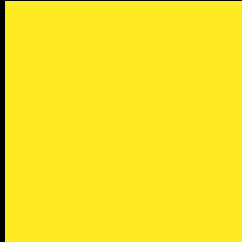
Large Text (above 18pt) WCAG AA × Fail

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 FFE824 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 FFEB24 Background



This preview shows how black text looks on a background with the Hex color FFEB24.



This preview shows how white text looks on a background with the Hex color FFEB24.

# 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**  
FFE4C1


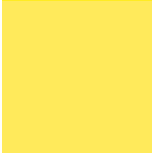


**Protanopia**  
FFE97B

**Deuteranopia**  
FFE4C1


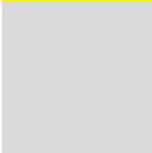



**Tritanopia**  
FFE0EA

# Trichromacy

	<b>Original Color</b> FFEB24
	<b>Protanomaly</b> FFEA5B
	<b>Deuteranomaly</b> FFE788
	<b>Tritanomaly</b> FFE4A2

# Monochromacy

	<b>Original Color</b> FFEB24
	<b>Achromatopsia</b> DADADA
	<b>Achromatomaly</b> E7E098

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFE824 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 #FFE824 looks like.

```
.text, #text, p{  
    color:#FFE824  
}
```

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 #FFEB24 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFEB24
}
```

## Border

The CSS property to change the border of an element to Hex FFEB24 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
#FFEB24 }
```

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

```
.border{ border-color:#FFEB24 }
```

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

Here you see how a box with a 4 pixel #FFEB24 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFEB24; -webkit-box-shadow:4px 4px  
4px 4px #FFEB24; box-shadow:4px 4px 4px  
4px #FFEB24 }
```

# Background

The CSS property to change the background color of an element to Hex FFE824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFE824 }
```

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

```
.background{ background-color:#FFE824 }
```

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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