

# Converting Colors

Hex(FBE965)

Have a look what the booklet for  
Hex(FBE965) contains.

<b>Hex(FBE965)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(FBE965)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FBE965
RGB	251, 233, 101
RGB Percent	98%, 91%, 40%
CMY	0.0157, 0.0863, 0.6039
CMYK	0.00, 0.07, 0.60, 0.02
HSL	53°, 95%, 69%
HSV	53°, 60%, 98%
XYZ	71.2715, 79.7266, 23.9443
YIQ	223.3340, 53.1000, -37.2360

# Conversions

## Conversions Part 2

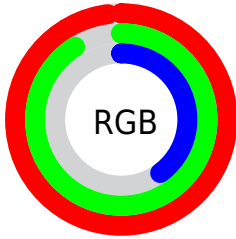
<b>Format</b>	<b>Color</b>
<b>RYB</b>	121, 251, 101
Decimal	16509285
CIELab	91.56, -9.38, 64.73
CIElCh	92, 65.408, 98.244
Yxy	79.7266, 0.4074, 0.4557
Android (android.graphics.Color)	4294699365 (0xFFFFBE965)
YUV	223.3340, -60.3107, 24.2631
Hunter-Lab	89.2898, -13.7775, 46.6034

# Details

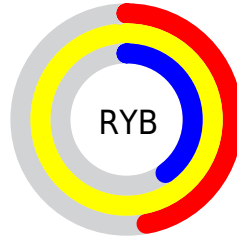
The Hex color **FBE965** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **6577FB**, and the grayscale version is **E0E0E0**.

A 20% lighter version of the original color is **FFFF9C**, and **BFB22C** is the 20% darker color. If you saturate the color by 10%, you get **FBE64C**, and if you desaturate by 10%, it is **FBEC7E**.

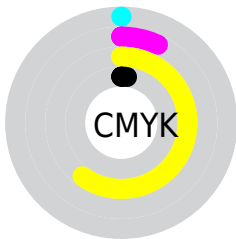
# Distribution



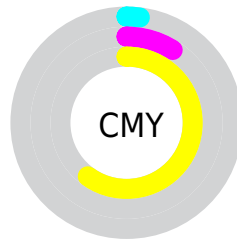
- Red (98%)
- Green (91%)
- Blue (40%)



- Red (47%)
- Yellow (98%)
- Blue (40%)



- Cyan (0%)
- Magenta (7%)
- Yellow (60%)
- Black (2%)



- Cyan (2%)
- Magenta (9%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FBE965 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 FBE965 by changing the saturation by 10% instead.



 FBE965

 FBE965

FFFFFF

 DDCC49

 FFFF9C

 BFB22C

 FFFFB8

 A29703

 FFFF55

 867D00

 FFFF22

 6A6500

 4F4D00

 353700

 1C2100

 000B00

 FBE965

 FBE965

 FBE64C

 FBEC7E

 FBE333

 FB EF97

 FBE01A

 FBF2B0

 FBDD01

 FBF5C9

 FBDD00

 FBF8E3

 FBF BFC

 FBFEFF

 FBFFFF

# Harmonies

## Analogous

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



FFD371



FBE965



B8F980

# Triad

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



FBE965



00FFFF



FFB9FF

# Complementary

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



FBE965



6577FB

# 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.



FFCFFF



FBE965



00FAFF

# Square

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



FBE965



00FFF7



99E8FF



FFB1D8

# Rectangle

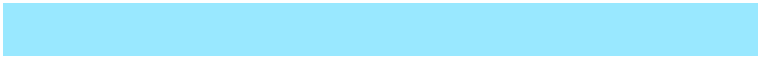
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FBE965



80FFA2



99E8FF



FFC0FF



# Sweetspot

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



FBE965



FFF9D1



FB6579



807C63



000000



808080



# Same Dimension

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



FBE965



FFE947



C4FB65



7D7B70



BDA600



3D3600



# Inverse Universe

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



6577FB



475DFF



9C65FB



70727D



0017BD

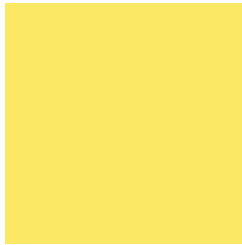


00073D



# Previews

## White Background



This preview shows how the Hex color FBE965 looks on a white background.

## Color Contrast Check

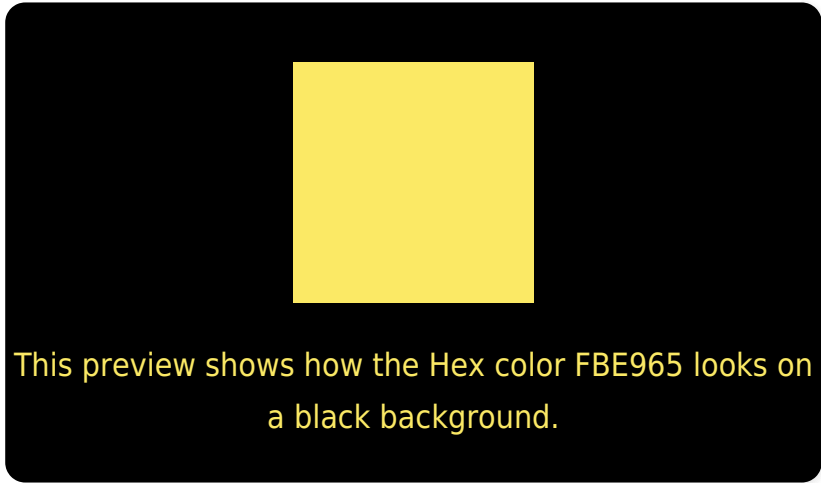
Large Text (above 18pt) WCAG AA × Fail

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 FBE965 Background



This preview shows how black text looks on a background with the Hex color FBE965.

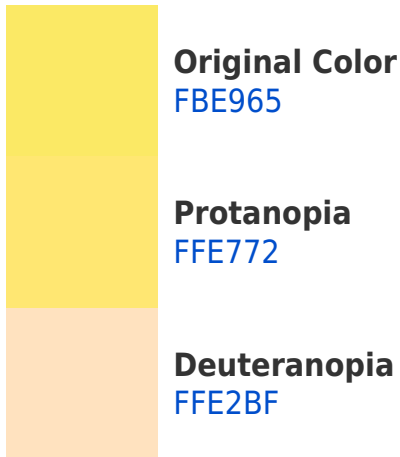


This preview shows how white text looks on a background with the Hex color FBE965.

# 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](#).

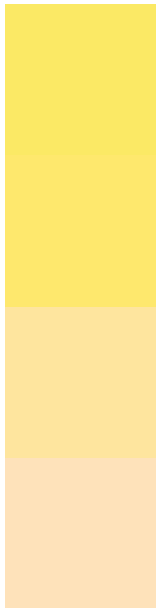
## Dichromacy





**Tritanopia**  
FFDEEB

# Trichromacy



**Original Color**  
FBE965

**Protanomaly**  
FEE86D

**Deuteranomaly**  
FEE59E

**Tritanomaly**  
FEE2BA

# Monochromacy



**Original Color**  
FBE965

**Achromatopsia**  
DFDFDF

**Achromatomaly**  
E9E3B3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FBE965 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 #FBE965 looks like.

```
.text, #text, p{  
    color:#FBE965  
}
```

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 #FBE965 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FBE965
}
```

## Border

The CSS property to change the border of an element to Hex FBE965 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
#FBE965 }
```

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

```
.border{ border-color:#FBE965 }
```

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

Here you see how a box with a 4 pixel #FBE965 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FBE965; -webkit-box-shadow:4px 4px  
4px 4px #FBE965; box-shadow:4px 4px 4px  
4px #FBE965 }
```

# Background

The CSS property to change the background color of an element to Hex FBE965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FBE965 }
```

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

```
.background{ background-color:#FBE965 }
```

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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