

# Converting Colors

Hex(F2E650)

Have a look what the booklet for  
Hex(F2E650) contains.

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**Color**

**Hex(F2E650)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F2E650
RGB	242, 230, 80
RGB Percent	95%, 90%, 31%
CMY	0.0510, 0.0980, 0.6863
CMYK	0.00, 0.05, 0.67, 0.05
HSL	56°, 86%, 63%
HSV	56°, 67%, 95%
XYZ	66.3627, 76.0501, 18.7709
YIQ	216.4880, 55.3020, -44.1060

# Conversions

## Conversions Part 2

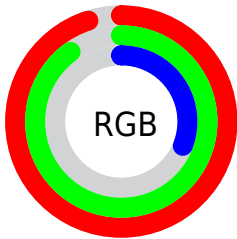
Format	Color
R <sub>Y</sub> B	93, 242, 80
Decimal	15918672
CIE Lab	89.88, -12.82, 71.25
CIE LCh	90, 72.389, 100.199
Yxy	76.0501, 0.4117, 0.4718
Android (android.graphics.Color)	4294108752 (0xFFFF2E650)
YUV	216.4880, -67.2886, 22.3740
Hunter-Lab	87.2067, -16.7764, 48.2828

# Details

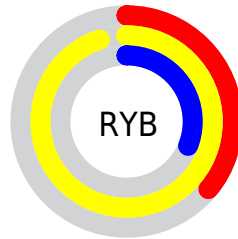
The Hex color **F2E650** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **505CF2**, and the grayscale version is **D9D9D9**.

A 20% lighter version of the original color is **FFFF88**, and **B6AF06** is the 20% darker color. If you saturate the color by 10%, you get **F2E438**, and if you desaturate by 10%, it is **F2E868**.

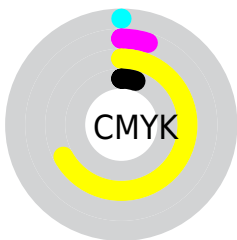
# Distribution



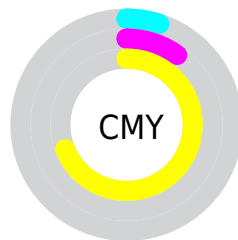
- Red (95%)
- Green (90%)
- Blue (31%)



- Red (36%)
- Yellow (95%)
- Blue (31%)



- Cyan (0%)
- Magenta (5%)
- Yellow (67%)
- Black (5%)



- Cyan (5%)
- Magenta (10%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F2E650 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 F2E650 by changing the saturation by 10% instead.



 F2E650

 F2E650

FFFFFF

 D4CA32

 FFFF88

 B6AF06

 FFFFA5

 999400

 FFFFC1

 7D7B00

 FFFFDF

 616200

 FFFFFC

 464B00

 2C3400

 131F00

 000000

 F2E650

 F2E650

 F2E438

 F2E868

 F2E220

 F2EA80

 F2E107

 F2EB99

 F2E000

 F2EDB1

 F2EFC9

 F2F1E1

 F2F3F9

 F2F4FF

 F2F6FF

# Harmonies

## Analogous

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



FFCE5C



F2E650



A7F773

# Triad

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



F2E650



00FFFF



FFACFF

# Complementary

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



F2E650



505CF2

# 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.



FFC6FF



F2E650



00F6FF

# Square

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



F2E650



00FF8



8DE2FF



FFA4CD

# Rectangle

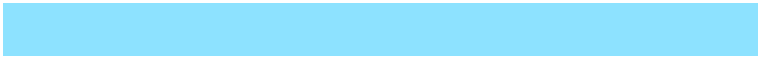
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F2E650



61FE9A



8DE2FF



FFB4FF



# Sweetspot

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



F2E650



FFFBCB



F2505D



807D61



000000



808080



# Same Dimension

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



F2E650



FFF033



AFF250



78776C



B8AA00



383400



# Inverse Universe

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



505CF2



3342FF



9450F2



6C6D78



000EB8

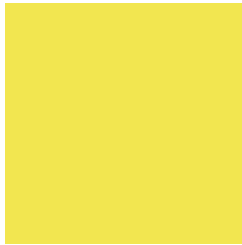


000438



# Previews

## White Background



This preview shows how the Hex color F2E650 looks on a white background.

## Color Contrast Check

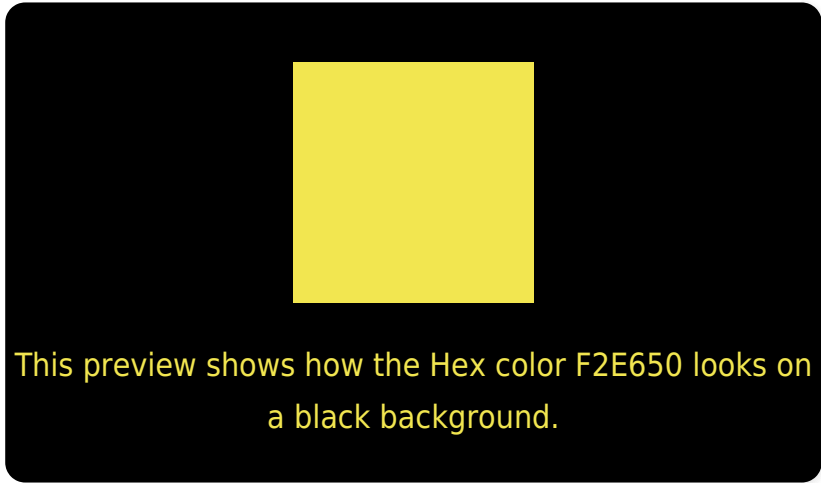
Large Text (above 18pt) WCAG AA × Fail

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 F2E650 Background



This preview shows how black text looks on a background with the Hex color F2E650.

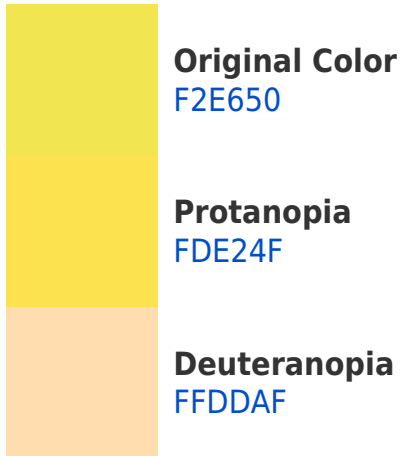


This preview shows how white text looks on a background with the Hex color F2E650.

# 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](#).

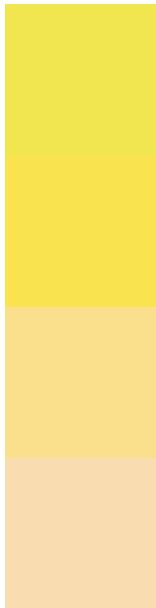
## Dichromacy





**Tritanopia**  
FFD7E8

# Trichromacy



**Original Color**  
F2E650

**Protanomaly**  
F9E34F

**Deuteranomaly**  
FAE08C

**Tritanomaly**  
FADCB1

# Monochromacy



**Original Color**  
F2E650

**Achromatopsia**  
D8D8D8

**Achromatomaly**  
E1DDA7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F2E650 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 #F2E650 looks like.

```
.text, #text, p{  
    color:#F2E650  
}
```

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 #F2E650 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F2E650
}
```

## Border

The CSS property to change the border of an element to Hex F2E650 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
#F2E650 }
```

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

```
.border{ border-color:#F2E650 }
```

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

Here you see how a box with a 4 pixel #F2E650 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F2E650; -webkit-box-shadow:4px 4px  
4px 4px #F2E650; box-shadow:4px 4px 4px  
4px #F2E650 }
```

# Background

The CSS property to change the background color of an element to Hex F2E650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F2E650 }
```

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

```
.background{ background-color:#F2E650 }
```

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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