

# Converting Colors

Hex(F2E425)

Have a look what the booklet for  
Hex(F2E425) contains.

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**Color**

**Hex(F2E425)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F2E425
RGB	242, 228, 37
RGB Percent	95%, 89%, 15%
CMY	0.0510, 0.1059, 0.8549
CMYK	0.00, 0.06, 0.85, 0.05
HSL	56°, 89%, 55%
HSV	56°, 85%, 95%
XYZ	64.6953, 74.4976, 12.7199
YIQ	210.4120, 69.6550, -56.4330

# Conversions

## Conversions Part 2

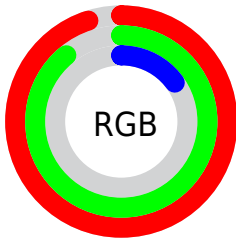
<b>Format</b>	<b>Color</b>
<b>RYB</b>	52, 242, 37
Decimal	15918117
CIELab	89.16, -13.44, 83.54
CIELCh	89, 84.609, 99.138
Yxy	74.4976, 0.4259, 0.4904
Android (android.graphics.Color)	4294108197 (0xFFFF2E425)
YUV	210.4120, -85.4921, 27.7027
Hunter-Lab	86.3120, -17.2511, 51.6807

# Details

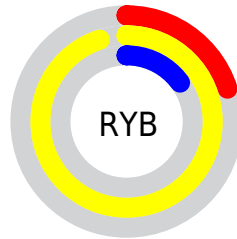
The Hex color **F2E425** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **2533F2**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **FFFF68**, and **B5AD00** is the 20% darker color. If you saturate the color by 10%, you get **F2E20D**, and if you desaturate by 10%, it is **F2E63D**.

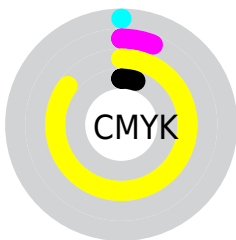
# Distribution



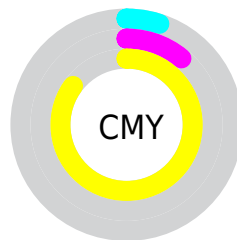
- Red (95%)
- Green (89%)
- Blue (15%)



- Red (20%)
- Yellow (95%)
- Blue (15%)



- Cyan (0%)
- Magenta (6%)
- Yellow (85%)
- Black (5%)



- Cyan (5%)
- Magenta (11%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F2E425 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 F2E425 by changing the saturation by 10% instead.



 F2E425

 F2E425

FFFFFF

 D3C800

 FFFF68

 B5AD00

 FFFF85

 989300

 FFFFA3

 7B7900

 FFFF00

 5E6100

 FFFFDE

 434900

 FFFF00

 293300

 0F1E00

 000000

 F2E425

 F2E425

 F2E20D

 F2E63D

 F2E100

 F2E755

 F2E96E

 F2EB86

 F2EC9E

 F2EEB6

 F2F0CE

 F2F1E7

 F2F3FF

# Harmonies

## Analogous

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



FFC73F



F2E425



9AF858

# Triad

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



F2E425



00FFFF



FF9DFF

# Complementary

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



F2E425



2533F2

# 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.



FFC0FF



F2E425



00F8FF

# Square

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



F2E425



00FFF7



59E1FF



FF91CB

# Rectangle

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



F2E425



35FF89



59E1FF



FFA8FF



# Sweetspot

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



F2E425



FFFBBF



F22536



807D59



000000



808080



# Same Dimension

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



F2E425



FFEE00



9DF225



78776C



B8AB00



383400



# Inverse Universe

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



2533F2



0011FF



7A25F2



6C6D78



000DB8



000438



# Previews

## White Background



This preview shows how the Hex color F2E425 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 F2E425 Background



This preview shows how black text looks on a background with the Hex color F2E425.

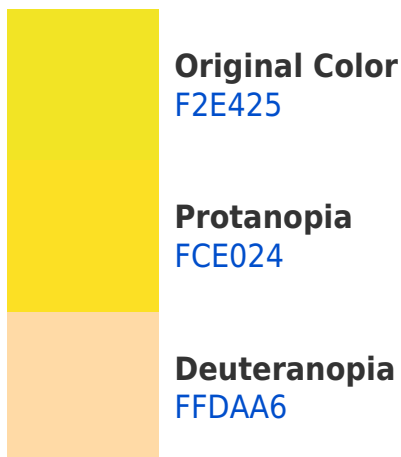


This preview shows how white text looks on a background with the Hex color F2E425.

# 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](#).

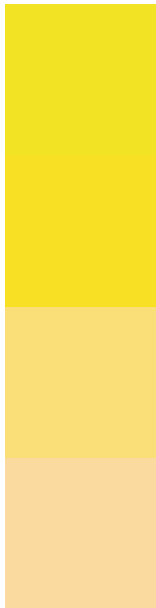
## Dichromacy





**Tritanopia**  
FFD5E5

# Trichromacy



**Original Color**  
F2E425

**Protanomaly**  
F8E124

**Deuteranomaly**  
FADE77

**Tritanomaly**  
FADA9F

# Monochromacy



**Original Color**  
F2E425

**Achromatopsia**  
D2D2D2

**Achromatomaly**  
DED993

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F2E425 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 #F2E425 looks like.

```
.text, #text, p{  
    color:#F2E425  
}
```

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 #F2E425 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F2E425
}
```

## Border

The CSS property to change the border of an element to Hex F2E425 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
#F2E425 }
```

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

```
.border{ border-color:#F2E425 }
```

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

Here you see how a box with a 4 pixel #F2E425 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F2E425; -webkit-box-shadow:4px 4px  
4px 4px #F2E425; box-shadow:4px 4px 4px  
4px #F2E425 }
```

# Background

The CSS property to change the background color of an element to Hex F2E425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F2E425 }
```

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

```
.background{ background-color:#F2E425 }
```

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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