

Converting Colors

Hex(EED202)

Have a look what the booklet for
Hex(EED202) contains.

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Color

Hex(EED202)

Conversions

Conversions Part 1

Format	Color
Hex	EED202
RGB	238, 210, 2
RGB Percent	93%, 82%, 1%
CMY	0.0667, 0.1765, 0.9922
CMYK	0.00, 0.12, 0.99, 0.07
HSL	53°, 98%, 47%
HSV	53°, 99%, 93%
XYZ	58.3174, 64.2747, 9.3900
YIQ	194.6600, 83.4560, -58.7520

Conversions

Conversions Part 2

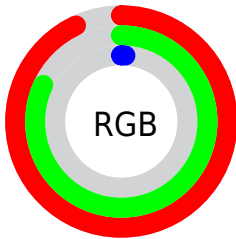
Format	Color
R _Y B	34, 238, 2
Decimal	15651330
CIE Lab	84.11, -6.63, 84.24
CIE LCh	84, 84.500, 94.501
Yxy	64.2747, 0.4419, 0.4870
Android (android.graphics.Color)	4293841410 (0xFFEED202)
YUV	194.6600, -94.9814, 38.0092
Hunter-Lab	80.1715, -10.4577, 49.1758

Details

The Hex color **EED202** is a light color, and the websafe version is hex **FFCC00**, and the color name is **safety yellow**. The color can be described as light washed yellow. A complement of this color would be **021EEE**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **FFFF58**, and **B19C00** is the 20% darker color. If you saturate the color by 10%, you get **EED200**, and if you desaturate by 10%, it is **EED51A**.

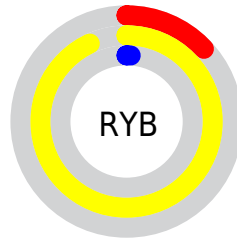
Distribution



Red (93%)

Green (82%)

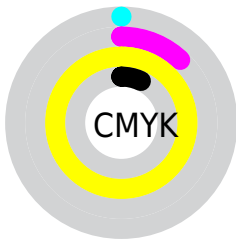
Blue (1%)



Red (13%)

Yellow (93%)

Blue (1%)

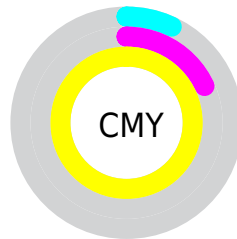


Cyan (0%)

Magenta (12%)

Yellow (99%)

Black (7%)



Cyan (7%)

Magenta (18%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color EED202 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 EED202 by changing the saturation by 10% instead.

 EED202

 EED202

FFFFFF

 CFB700

 FFFF58

 B19C00

 FFFF76

 938200

 FFFF93

 766900

 FFFFB0

 5A5200

 FFFFCE

 3F3B00

 FFFFEB

 262600

 061200

 000000

 EED202

 EED202

 EED200

 EED51A

 EED832

 EEDA49

 EEDD61

 EEE079

 EEE391

 EEE6A9

 EEE9C0

 EEEBD8

Harmonies

Analogous

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



FFB439



EED202



9BE73F

Triad

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



EED202



00F5FF



FF93FF

Complementary

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



EED202



021EEE

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.



E2B7FF



EED202



00ECFF

Square

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



EED202



00F7DC



00D7FF



FF81C9

Rectangle

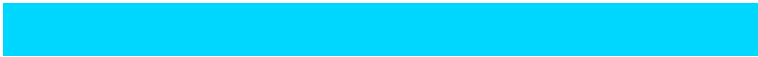
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



EED202



45EF6F



00D7FF



FF9FFF

Sweetspot

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



EED202



FFF6B3



EE0221



807A52



000000



808080

Same Dimension

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



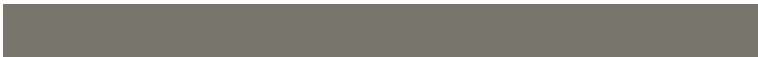
EED202



FFE100



97EE02



78766C



B8A200



383100

Inverse Universe

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



021EEE



001EFF



5902EE



6C6D78



0016B8



000738

Previews

White Background



This preview shows how the Hex color EED202 looks on a white background.

Color Contrast Check

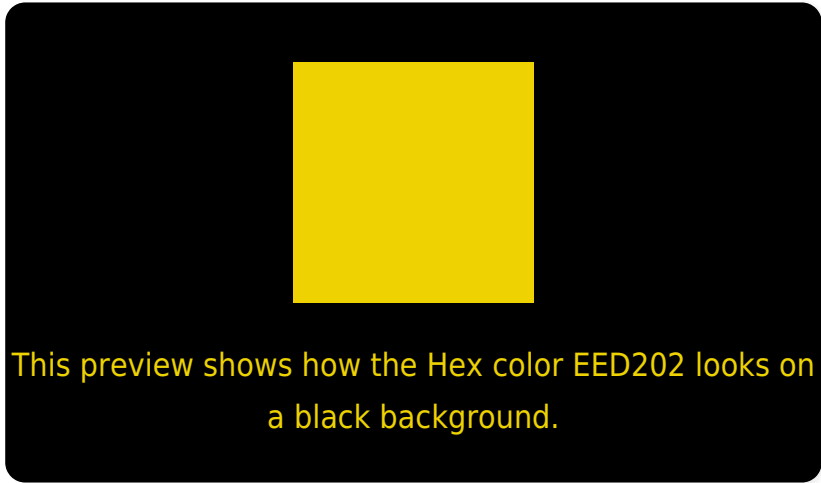
Large Text (above 18pt) WCAG AA × Fail

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 EED202 Background



This preview shows how black text looks on a background with the Hex color EED202.

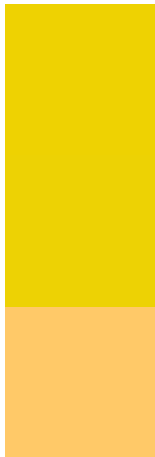


This preview shows how white text looks on a background with the Hex color EED202.

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
EED202

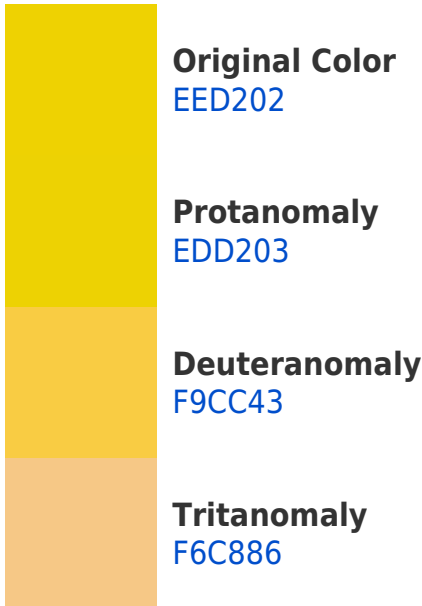
Protanopia
EDD204

Deuteranopia
FFC968

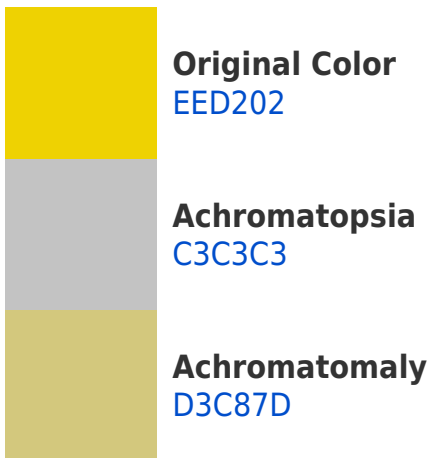


Tritanopia
FAC3D2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex EED202 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 #EED202 looks like.

```
.text, #text, p{  
    color:#EED202  
}
```

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 #EED202 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EED202
}
```

Border

The CSS property to change the border of an element to Hex EED202 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
#EED202 }
```

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

```
.border{ border-color:#EED202 }
```

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

Here you see how a box with a 4 pixel #EED202 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EED202; -webkit-box-shadow:4px 4px  
4px 4px #EED202; box-shadow:4px 4px 4px  
4px #EED202 }
```

Background

The CSS property to change the background color of an element to Hex EED202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EED202 }
```

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

```
.background{ background-color:#EED202 }
```

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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