

# Converting Colors

Hex(E6DA26)

Have a look what the booklet for  
Hex(E6DA26) contains.

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**Color**

**Hex(E6DA26)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E6DA26
RGB	230, 218, 38
RGB Percent	90%, 85%, 15%
CMY	0.0980, 0.1451, 0.8510
CMYK	0.00, 0.05, 0.83, 0.10
HSL	56°, 79%, 53%
HSV	56°, 83%, 90%
XYZ	58.0544, 67.1057, 11.7266
YIQ	201.0680, 64.9320, -53.4360

# Conversions

## Conversions Part 2

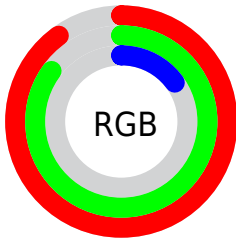
Format	Color
<b>RYB</b>	51, 230, 38
Decimal	15129126
CIELab	85.56, -13.52, 79.94
CIELCh	86, 81.078, 99.596
Yxy	67.1057, 0.4241, 0.4902
Android (android.graphics.Color)	4293319206 (0xFFE6DA26)
YUV	201.0680, -80.3925, 25.3734
Hunter-Lab	81.9181, -16.8558, 48.8553

# Details

The Hex color **E6DA26** 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 **2632E6**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **FFFF67**, and **AAA300** is the 20% darker color. If you saturate the color by 10%, you get **E6D90F**, and if you desaturate by 10%, it is **E6DB3D**.

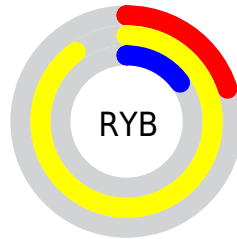
# Distribution



Red (90%)

Green (85%)

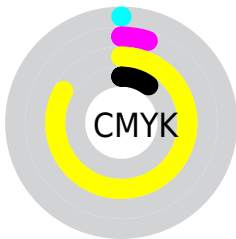
Blue (15%)



Red (20%)

Yellow (90%)

Blue (15%)

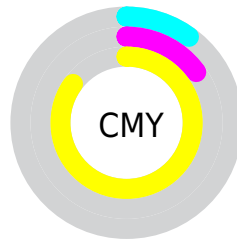


Cyan (0%)

Magenta (5%)

Yellow (83%)

Black (10%)



Cyan (10%)

Magenta (15%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E6DA26 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 E6DA26 by changing the saturation by 10% instead.



 E6DA26

 E6DA26

FFFFFF

 C8BE00


 FFFF67

 AAA300

 FFFF84

 8D8900

 FFFFA1

 717000

 FFFFBE

 545800

 FFFFDB

 394100

 FFFFF9

 202B00

 001800

 000000

 E6DA26

 E6DA26

 E6D90F

 E6DB3D

 E6D800

 E6DD54

 E6DE6B

 E6E082

 E6E199

 E6E3B0

 E6E4C7

 E6E6DE

 E6E7F5

# Harmonies

## Analogous

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



FFBF3D



E6DA26



92ED56

# Triad

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



E6DA26



00F8FF



FF97FF

# Complementary

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



E6DA26



2632E6

# 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.



F9B7FF



E6DA26



00ECFF

# Square

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



E6DA26



00FAED



5CD6FF



FF8CC0

# Rectangle

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



E6DA26



31F484



5CD6FF



FFA0FF



# Sweetspot

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



E6DA26



FFFBBF



E62633



807D59



000000



808080



# Same Dimension

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



E6DA26



FFEF00



93E626



737267



B3A700



333000



# Inverse Universe

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



2632E6



0010FF



7926E6



676873



000BB3

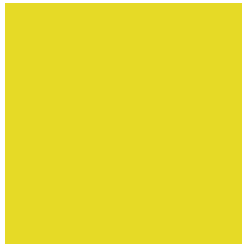


000333



# Previews

## White Background



This preview shows how the Hex color E6DA26 looks on a white background.

## Color Contrast Check

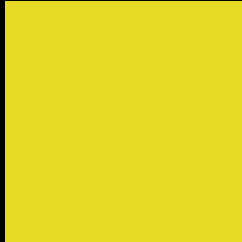
Large Text (above 18pt) WCAG AA × Fail

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 E6DA26 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 E6DA26 Background



This preview shows how black text looks on a background with the Hex color E6DA26.

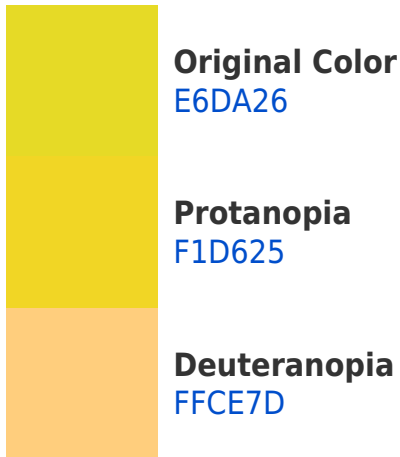


This preview shows how white text looks on a background with the Hex color E6DA26.

# 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](#).

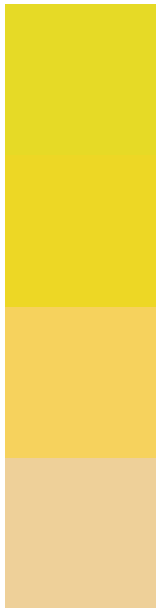
## Dichromacy





**Tritanopia**  
F3CBDB

# Trichromacy



**Original Color**  
E6DA26

**Protanomaly**  
EED725

**Deuteranomaly**  
F6D25D

**Tritanomaly**  
EED099

# Monochromacy



**Original Color**  
E6DA26

**Achromatopsia**  
C9C9C9

**Achromatomaly**  
D4CF8E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E6DA26 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 #E6DA26 looks like.

```
.text, #text, p{  
    color:#E6DA26  
}
```

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 #E6DA26 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6DA26
}
```

## Border

The CSS property to change the border of an element to Hex E6DA26 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
#E6DA26 }
```

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

```
.border{ border-color:#E6DA26 }
```

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

Here you see how a box with a 4 pixel #E6DA26 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6DA26; -webkit-box-shadow:4px 4px  
4px 4px #E6DA26; box-shadow:4px 4px 4px  
4px #E6DA26 }
```

# Background

The CSS property to change the background color of an element to Hex E6DA26 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6DA26 }
```

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

```
.background{ background-color:#E6DA26 }
```

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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