

Converting Colors

Hex(E6DB21)

Have a look what the booklet for
Hex(E6DB21) contains.

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Color

Hex(E6DB21)

Conversions

Conversions Part 1

Format	Color
Hex	E6DB21
RGB	230, 219, 33
RGB Percent	90%, 86%, 13%
CMY	0.0980, 0.1412, 0.8706
CMYK	0.00, 0.05, 0.86, 0.10
HSL	57°, 80%, 52%
HSV	57°, 86%, 90%
XYZ	58.2392, 67.5958, 11.4166
YIQ	201.0850, 66.2620, -55.5140

Conversions

Conversions Part 2

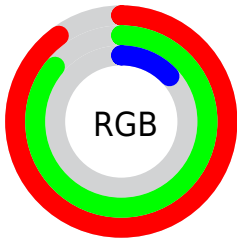
Format	Color
R_{YB}	45, 230, 33
Decimal	15129377
CIE _{Lab}	85.80, -14.13, 81.21
CIE _{LCh}	86, 82.434, 99.870
Yxy	67.5958, 0.4243, 0.4925
Android (android.graphics.Color)	4293319457 (0xFFE6DB21)
YUV	201.0850, -82.8659, 25.3585
Hunter-Lab	82.2167, -17.4366, 49.3187

Details

The Hex color **E6DB21** 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 **212CE6**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **FFFF64**, and **AAA400** is the 20% darker color. If you saturate the color by 10%, you get **E6DA0A**, and if you desaturate by 10%, it is **E6DC38**.

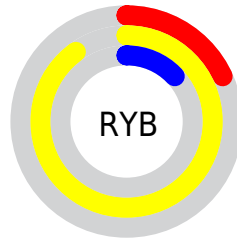
Distribution



Red (90%)

Green (86%)

Blue (13%)



Red (18%)

Yellow (90%)

Blue (13%)

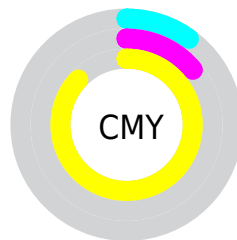


Cyan (0%)

Magenta (5%)

Yellow (86%)

Black (10%)



Cyan (10%)

Magenta (14%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color E6DB21 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 E6DB21 by changing the saturation by 10% instead.

 E6DB21

 E6DB21

FFFFFF

 C8BF00

 FFFF64

 AAA400

 FFFF81

 8D8A00

 FFFF9E

 707100

 FFFFBC

 545900

 FFFFD9

 394200

 FFFFF7

 202C00

 001900

 000000

 E6DB21

 E6DB21

 E6DA0A

 E6DC38

 E6D900

 E6DE4F

 E6DF66

 E6E07D

 E6E194

 E6E3AB

 E6E4C2

 E6E5D9

 E6E7F0

Harmonies

Analogous

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



FFBF39



E6DB21



91EE55

Triad

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



E6DB21



00F9FF



FF95FF

Complementary

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



E6DB21



212CE6

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.



FBB6FF



E6DB21



00EDFF

Square

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



E6DB21



00FCEF



5AD7FF



FF8AC0

Rectangle

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



E6DB21



27F584



5AD7FF



FF9FFF

Sweetspot

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



E6DB21



FFFBBB



E6212E



807D58



000000



808080

Same Dimension

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



E6DB21



FFF100



91E621



737267



B3A900



333000

Inverse Universe

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



212CE6



000EFF



7621E6



676873



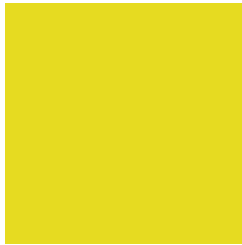
000AB3



000333

Previews

White Background



This preview shows how the Hex color E6DB21 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 E6DB21 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 E6DB21 Background



This preview shows how black text looks on a background with the Hex color E6DB21.



This preview shows how white text looks on a background with the Hex color E6DB21.

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

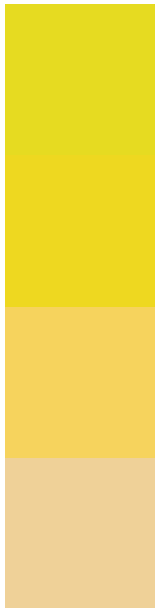


Original Color
E6DB21

Protanopia
F2D720

Deuteranopia
FFCF80

Trichromacy



Original Color
E6DB21

Protanomaly
EED820

Deuteranomaly
F6D35D

Tritanomaly
EFD198

Monochromacy



Original Color
E6DB21

Achromatopsia
C9C9C9

Achromatomaly
D4D08C

CSS Examples

Text

The CSS property to change the color of the text to Hex E6DB21 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 #E6DB21 looks like.

```
.text, #text, p{  
    color:#E6DB21  
}
```

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 #E6DB21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6DB21
}
```

Border

The CSS property to change the border of an element to Hex E6DB21 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
#E6DB21 }
```

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

```
.border{ border-color:#E6DB21 }
```

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

Here you see how a box with a 4 pixel #E6DB21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6DB21; -webkit-box-shadow:4px 4px  
4px 4px #E6DB21; box-shadow:4px 4px 4px  
4px #E6DB21 }
```

Background

The CSS property to change the background color of an element to Hex E6DB21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6DB21 }
```

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

```
.background{ background-color:#E6DB21 }
```

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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