

# Converting Colors

Hex(E2D920)

Have a look what the booklet for  
Hex(E2D920) contains.

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**Color**

**Hex(E2D920)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | E2D920                      |
| RGB         | 226, 217, 32                |
| RGB Percent | 89%, 85%, 13%               |
| CMY         | 0.1137, 0.1490, 0.8745      |
| CMYK        | 0.00, 0.04, 0.86, 0.11      |
| HSL         | 57°, 77%, 51%               |
| HSV         | 57°, 86%, 89%               |
| XYZ         | 56.4376, 65.8987, 11.1117   |
| YIQ         | 198.6010, 64.7490, -55.6270 |

# Conversions

## Conversions Part 2

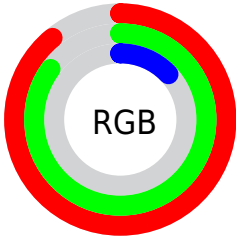
| Format                              | Color                          |
|-------------------------------------|--------------------------------|
| R <sub>Y</sub> B                    | 41, 226, 32                    |
| Decimal                             | 14866720                       |
| CIE Lab                             | 84.94, -14.85, 80.58           |
| CIE LCh                             | 85, 81.938, 100.443            |
| Yxy                                 | 65.8987, 0.4229,<br>0.4938     |
| Android<br>(android.graphics.Color) | 4293056800<br>(0xFFE2D920)     |
| YUV                                 | 198.6010, -82.1343,<br>24.0289 |
| Hunter-Lab                          | 81.1780, -17.9626,<br>48.7090  |

# Details

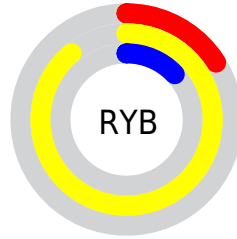
The Hex color **E2D920** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **2029E2**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **FFFF63**, and **A6A300** is the 20% darker color. If you saturate the color by 10%, you get **E2D809**, and if you desaturate by 10%, it is **E2DA37**.

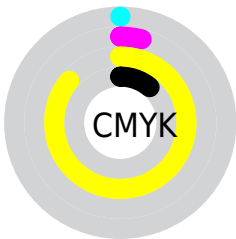
# Distribution



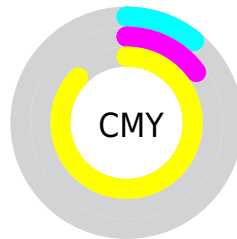
- Red (89%)
- Green (85%)
- Blue (13%)



- Red (16%)
- Yellow (89%)
- Blue (13%)



- Cyan (0%)
- Magenta (4%)
- Yellow (86%)
- Black (11%)



- Cyan (11%)
- Magenta (15%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E2D920 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 E2D920 by changing the saturation by 10% instead.



 E2D920

 E2D920

FFFFFF

 C4BD00

 FFFF63

 A6A300

 FFFF80

 898800

 FFFF9D

 6D6F00

 FFFFBA

 515700

 FFFFD8

 364000

 FFFFF6

 1C2A00

 001700

 000000

 E2D920

 E2D920

 E2D809

 E2DA37

 E2D800

 E2DB4D

 E2DC64

 E2DD7A

 E2DE91

 E2DFA8

 E2E0BE

 E2E1D5

 E2E2EB

# Harmonies

## Analogous

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



FFBE37



E2D920



8DEB54

# Triad

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



E2D920



00F6FF



FF93FF

# Complementary

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



E2D920



2029E2

# 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.



FAB3FF



E2D920



00EAFB

# Square

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



E2D920



00F9EE



5ED4FF



FF89BC

# Rectangle

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



E2D920



1CF384



5ED4FF



FF9DFF



# Sweetspot

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



E2D920



FFFCBD



E2202A



807E58



000000



808080



# Same Dimension

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



E2D920



FFF300



8BE220



707065



B0A800



302E00



# Inverse Universe

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



2029E2



000CFF



7720E2



656670



0008B0

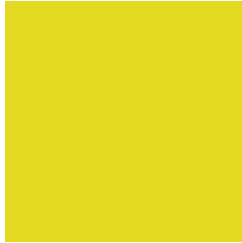


000230



# Previews

## White Background



This preview shows how the Hex color E2D920 looks on a white background.

## Color Contrast Check

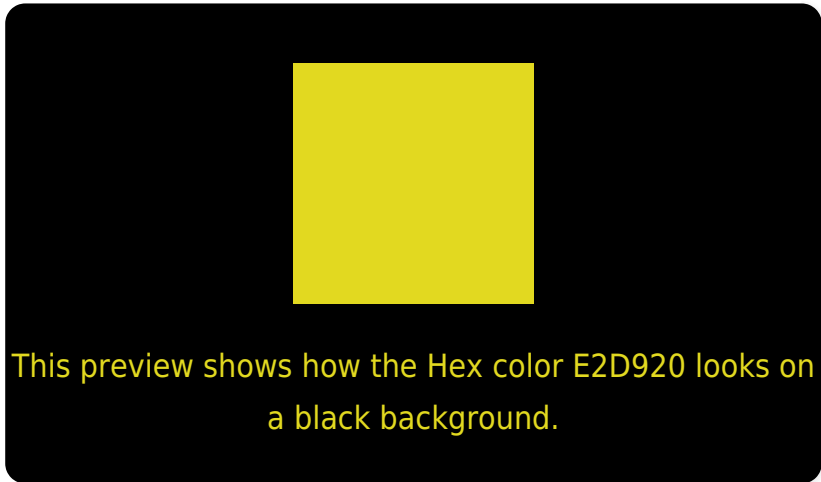
Large Text (above 18pt) WCAG AA × Fail

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 E2D920 Background



This preview shows how black text looks on a background with the Hex color E2D920.



This preview shows how white text looks on a background with the Hex color E2D920.

# 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



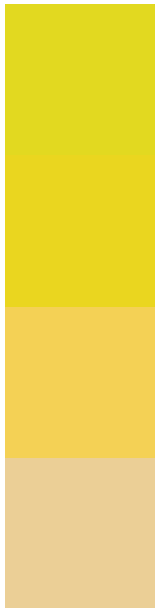
**Original Color**  
E2D920

**Protanopia**  
EFD51F

**Deuteranopia**  
FFCC74



# Trichromacy



**Original Color**  
E2D920

**Protanomaly**  
EAD61F

**Deuteranomaly**  
F4D155

**Tritanomaly**  
EBCF96

# Monochromacy



**Original Color**  
E2D920

**Achromatopsia**  
C7C7C7

**Achromatomaly**  
D1CE8A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E2D920 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 #E2D920 looks like.

```
.text, #text, p{  
    color:#E2D920  
}
```

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 #E2D920 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E2D920
}
```

## Border

The CSS property to change the border of an element to Hex E2D920 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
#E2D920 }
```

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

```
.border{ border-color:#E2D920 }
```

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

Here you see how a box with a 4 pixel #E2D920 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E2D920; -webkit-box-shadow:4px 4px  
4px 4px #E2D920; box-shadow:4px 4px 4px  
4px #E2D920 }
```

# Background

The CSS property to change the background color of an element to Hex E2D920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E2D920 }
```

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

```
.background{ background-color:#E2D920 }
```

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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