

# Converting Colors

Hex(E7ED24)

Have a look what the booklet for  
Hex(E7ED24) contains.

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**Color**

**Hex(E7ED24)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E7ED24
RGB	231, 237, 36
RGB Percent	91%, 93%, 14%
CMY	0.0941, 0.0706, 0.8588
CMYK	0.03, 0.00, 0.85, 0.07
HSL	62°, 85%, 54%
HSV	62°, 85%, 93%
XYZ	63.5576, 77.6847, 13.3139
YIQ	212.2920, 60.9450, -63.7830

# Conversions

## Conversions Part 2

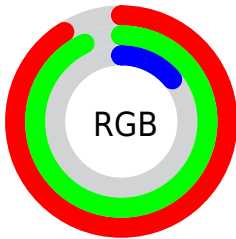
Format	Color
R <sub>Y</sub> B	36, 237, 42
Decimal	15199524
CIE Lab	90.64, -22.40, 84.59
CIE LCh	91, 87.503, 104.835
Yxy	77.6847, 0.4112, 0.5026
Android (android.graphics.Color)	4293389604 (0xFFE7ED24)
YUV	212.2920, -86.9120, 16.4069
Hunter-Lab	88.1389, -25.5254, 52.7412

# Details

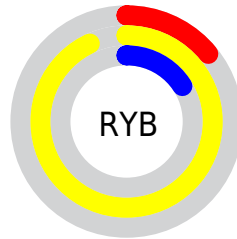
The Hex color **E7ED24** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **2A24ED**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **FFFF68**, and **ABB500** is the 20% darker color. If you saturate the color by 10%, you get **E6ED0C**, and if you desaturate by 10%, it is **E8ED3C**.

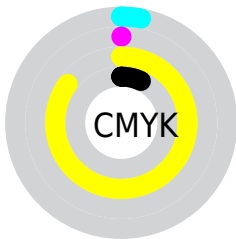
# Distribution



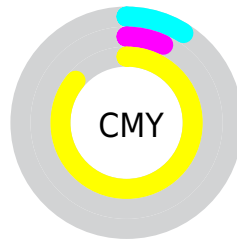
- Red (91%)
- Green (93%)
- Blue (14%)



- Red (14%)
- Yellow (93%)
- Blue (16%)



- Cyan (3%)
- Magenta (0%)
- Yellow (85%)
- Black (7%)



- Cyan (9%)
- Magenta (7%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E7ED24 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 E7ED24 by changing the saturation by 10% instead.



 E7ED24

 E7ED24

FFFFFF

 C9D100

 FFFF68

 ABB500

 FFFF86

 8E9B00

 FFFFA4

 718100

 FFFF80

 546800

 FFFFDF

 395000

FFFFFFD

 1E3900

 002300

 000400

 E7ED24

 E7ED24

 E6ED0C

 E8ED3C

 E6ED00

 E8ED53

 E9ED6B

 EAED83

 EBED9A

 EBEDB2

 ECEDCA

 EDEDE2

 EDEDF9

# Harmonies

## Analogous

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



FFD131



E7ED24



85FF64

# Triad

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



E7ED24



00FFFF



FF99FF

# Complementary

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



E7ED24



2A24ED

# 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.



FFBBFF



E7ED24



00FAFF

# Square

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



E7ED24



00FFFF



8ADFFF



FF93BE

# Rectangle

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



E7ED24



00FF99



8ADFFF



FFA3FF



# Sweetspot

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



E7ED24



FDFFBF



ED2724



7E8059



000000



808080



# Same Dimension

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



E7ED24



F7FF00



85ED24



75756A



B0B500



343600



# Inverse Universe

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



2A24ED



0800FF



8C24ED



6A6A75



0500B5

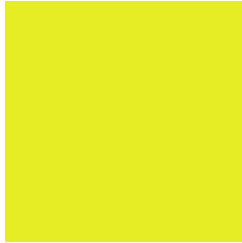


020036



# Previews

## White Background



This preview shows how the Hex color E7ED24 looks on a white background.

## Color Contrast Check

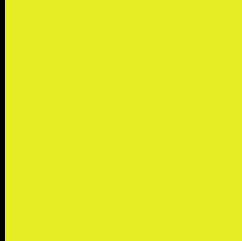
Large Text (above 18pt) WCAG AA × Fail

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 E7ED24 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 E7ED24 Background



This preview shows how black text looks on a background with the Hex color E7ED24.

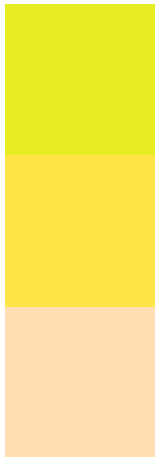


This preview shows how white text looks on a background with the Hex color E7ED24.

# 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**  
E7ED24

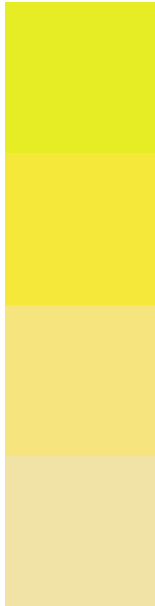
**Protanopia**  
FFE448

**Deuteranopia**  
FFDFB3



**Tritanopia**  
F7DDEE

# Trichromacy



**Original Color**  
E7ED24

**Protanomaly**  
F6E73B

**Deuteranomaly**  
F6E47F

**Tritanomaly**  
F1E3A5

# Monochromacy



**Original Color**  
E7ED24

**Achromatopsia**  
D4D4D4

**Achromatomaly**  
DBDD94

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E7ED24 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 #E7ED24 looks like.

```
.text, #text, p{  
    color:#E7ED24  
}
```

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 #E7ED24 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E7ED24
}
```

## Border

The CSS property to change the border of an element to Hex E7ED24 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
#E7ED24 }
```

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

```
.border{ border-color:#E7ED24 }
```

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

Here you see how a box with a 4 pixel #E7ED24 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E7ED24; -webkit-box-shadow:4px 4px  
4px 4px #E7ED24; box-shadow:4px 4px 4px  
4px #E7ED24 }
```

# Background

The CSS property to change the background color of an element to Hex E7ED24 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E7ED24 }
```

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

```
.background{ background-color:#E7ED24 }
```

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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