

# Converting Colors

Decimal(15002145)

Have a look what the booklet for  
Decimal(15002145) contains.

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# **Color**

**Decimal(15002145)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E4EA21
RGB	228, 234, 33
RGB Percent	89%, 92%, 13%
CMY	0.1059, 0.0824, 0.8706
CMYK	0.03, 0.00, 0.86, 0.08
HSL	62°, 83%, 52%
HSV	62°, 86%, 92%
XYZ	61.6922, 75.4494, 12.7505
YIQ	209.2920, 60.9450, -63.7830

# Conversions

## Conversions Part 2

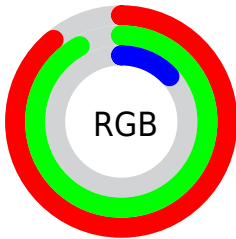
Format	Color
R <sub>Y</sub> B	33, 234, 39
Decimal	15002145
CIE Lab	89.60, -22.27, 84.23
CIE LCh	90, 87.121, 104.812
Yxy	75.4494, 0.4116, 0.5034
Android (android.graphics.Color)	4293192225 (0xFFE4EA21)
YUV	209.2920, -86.9120, 16.4069
Hunter-Lab	86.8616, -25.2308, 52.0999

# Details

The Decimal color **15002145** 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 **2564586**, and the grayscale version is **13816530**.

A 20% lighter version of the original color is **16777062**, and **11055872** is the 20% darker color. If you saturate the color by 10%, you get **14936586**, and if you desaturate by 10%, it is **15067704**.

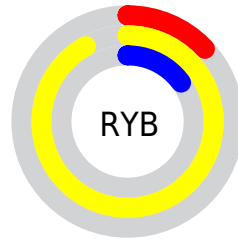
# Distribution



Red (89%)

Green (92%)

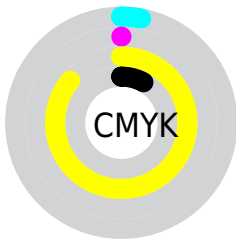
Blue (13%)



Red (13%)

Yellow (92%)

Blue (15%)

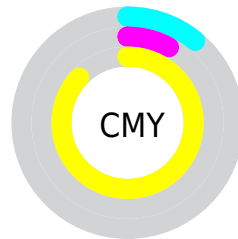


Cyan (3%)

Magenta (0%)

Yellow (86%)

Black (8%)



Cyan (11%)

Magenta (8%)



















Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15002145 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 Decimal color 15002145 by changing the saturation by 10% instead.



 15002145	 15002145
 16777215	 13028864
 16777062	 11055872
 16777092	 9148416
 16777121	 7241216
 16777151	 5399808
 16777181	 3558656
 16777211	 1783552
	 8704
	 0

■ 15002145

■ 15002145

■ 14936586

■ 15067704

■ 14936576

■ 15067728

■ 15133287

■ 15198847

■ 15198870

■ 15264429

■ 15329989

■ 15395548

■ 15395572

# Harmonies

## Analogous

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



16764462



15002145



8649826

# Triad

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



15002145



65535



16750591

# Complementary

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



15002145



2564586

# 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.



16759039



15002145



63487

# Square

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



15002145



65535



8904191



16748987

# Rectangle

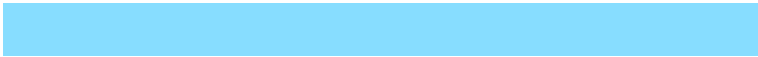
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



15002145



65430



8904191



16752895



# Sweetspot

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



15002145



16646077



15344673



8290392



0



8421504



# Same Dimension

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



15002145



16252672



8579617



7697770



11580672



3421696



# Inverse Universe

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



2564586



524543



8987114



6974069



327861

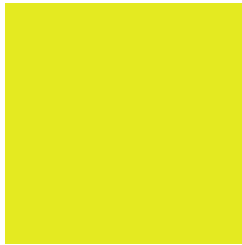


131126



# Previews

## White Background



This preview shows how the Decimal color 15002145 looks on a white background.

## Color Contrast Check

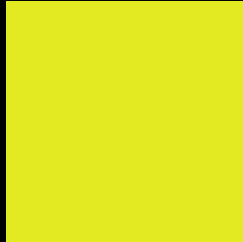
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 15002145 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](#).



## Decimal 15002145 Background



This preview shows how black text looks on a background with the Decimal color 15002145.



This preview shows how white text looks on a background with the Decimal color 15002145.

# 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**  
15002145

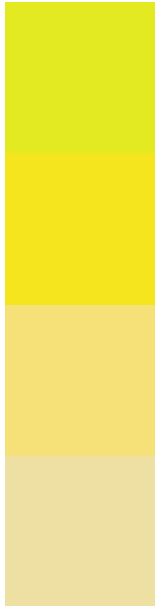
**Protanopia**  
16704030

**Deuteranopia**  
16768169



**Tritanopia**  
16046827

# Trichromacy



**Original Color**  
15002145

**Protanomaly**  
16114975

**Deuteranomaly**  
16114040

**Tritanomaly**  
15655074

# Monochromacy



**Original Color**  
15002145

**Achromatopsia**  
13750737

**Achromatomaly**  
14211729

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15002145 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 #E4EA21 looks like.

```
.text, #text, p{  
    color:#E4EA21  
}
```

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 #E4EA21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E4EA21
}
```

## Border

The CSS property to change the border of an element to Decimal 15002145 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
#E4EA21 }
```

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

```
.border{ border-color:#E4EA21 }
```

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

Here you see how a box with a 4 pixel #E4EA21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E4EA21; -webkit-box-shadow:4px 4px  
4px 4px #E4EA21; box-shadow:4px 4px 4px  
4px #E4EA21 }
```

# Background

The CSS property to change the background color of an element to Decimal 15002145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E4EA21 }
```

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

```
.background{ background-color:#E4EA21 }
```

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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