

# Converting Colors

Decimal(14730591)

Have a look what the booklet for  
Decimal(14730591) contains.

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# **Color**

**Decimal(14730591)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E0C55F
RGB	224, 197, 95
RGB Percent	88%, 77%, 37%
CMY	0.1216, 0.2275, 0.6275
CMYK	0.00, 0.12, 0.58, 0.12
HSL	47°, 68%, 63%
HSV	47°, 58%, 88%
XYZ	52.7723, 56.6060, 18.9711
YIQ	193.4450, 48.8340, -25.9980

# Conversions

## Conversions Part 2

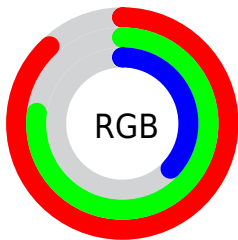
Format	Color
R <sub>Y</sub> B	129, 224, 95
Decimal	14730591
CIE Lab	79.96, -2.66, 53.74
CIE LCh	80, 53.804, 92.830
Yxy	56.6060, 0.4112, 0.4410
Android (android.graphics.Color)	4292920671 (0xFFE0C55F)
YUV	193.4450, -48.5334, 26.7967
Hunter-Lab	75.2370, -6.4623, 37.7158

# Details

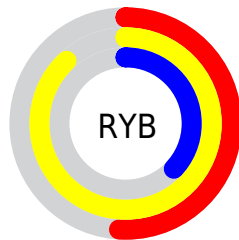
The Decimal color **14730591** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **6257376**, and the grayscale version is **12763842**.

A 20% lighter version of the original color is **16776596**, and **10915882** is the 20% darker color. If you saturate the color by 10%, you get **14729289**, and if you desaturate by 10%, it is **14731893**.

# Distribution



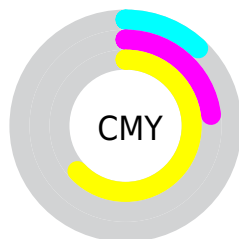
- Red (88%)
- Green (77%)
- Blue (37%)



- Red (51%)
- Yellow (88%)
- Blue (37%)



- Cyan (0%)
- Magenta (12%)
- Yellow (58%)
- Black (12%)



- Cyan (12%)
- Magenta (23%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 14730591 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 14730591 by changing the saturation by 10% instead.



 14730591

 14730591

16777215

 12823109

 16776596

 10915882

 16777136

 9074186

 16777164

 7233024

 16777193

 5522944

 3747840

 2169856

 0

 14730591

 14730591

14729289

14731893

14728242

14732940

14726940

14734242

14725637

14735545

14725376

14736591

14737893

14739196

14740479

14741503

# Harmonies

## Analogous

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



16757613



14730591



11326319

# Triad

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



14730591



57339



16754165

# Complementary

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



14730591



6257376

# 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.



13744127



14730591



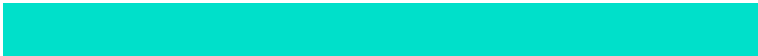
55295

# Square

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



14730591



57546



7981823



16751811

# Rectangle

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



14730591



8641159



7981823



16362495



# Sweetspot

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



14730591



16774868



14704507



8419942



0



8421504



# Same Dimension

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



14730591



16767567



12312671



7368293



11569920



3155456



# Inverse Universe

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



6257376



5207295



8675296



6645616



9648

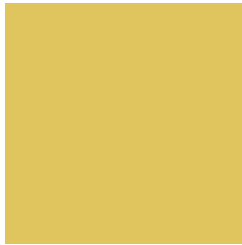


2608



# Previews

## White Background



This preview shows how the Decimal color 14730591 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 14730591 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 14730591 Background



This preview shows how black text looks on a background with the Decimal color 14730591.



This preview shows how white text looks on a background with the Decimal color 14730591.

# 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**  
14730591

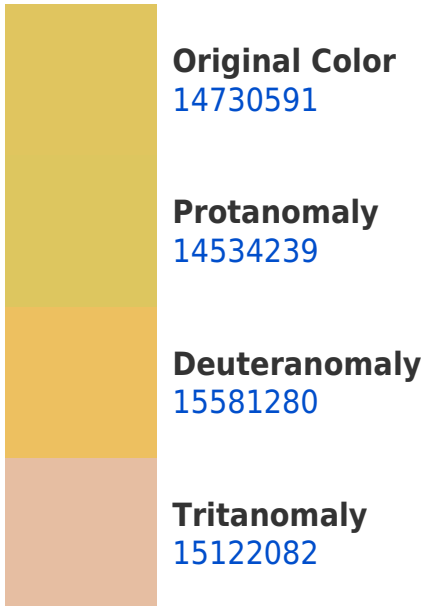
**Protanopia**  
14468959

**Deuteranopia**  
16039265



**Tritanopia**  
15317704

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 14730591 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 #E0C55F looks like.

```
.text, #text, p{  
    color:#E0C55F  
}
```

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 #E0C55F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E0C55F
}
```

## Border

The CSS property to change the border of an element to Decimal 14730591 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
#E0C55F }
```

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

```
.border{ border-color:#E0C55F }
```

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

Here you see how a box with a 4 pixel #E0C55F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E0C55F; -webkit-box-shadow:4px 4px  
4px 4px #E0C55F; box-shadow:4px 4px 4px  
4px #E0C55F }
```

# Background

The CSS property to change the background color of an element to Decimal 14730591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E0C55F }
```

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

```
.background{ background-color:#E0C55F }
```

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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