

Converting Colors

Decimal(15321600)

Have a look what the booklet for
Decimal(15321600) contains.

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Color

Decimal(15321600)

Conversions

Conversions Part 1

Format	Color
Hex	E9CA00
RGB	233, 202, 0
RGB Percent	91%, 79%, 0%
CMY	0.0863, 0.2078, 1.0000
CMYK	0.00, 0.13, 1.00, 0.09
HSL	52°, 100%, 46%
HSV	52°, 100%, 91%
XYZ	54.7248, 59.5647, 8.6128
YIQ	188.2410, 83.3180, -56.2500

Conversions

Conversions Part 2

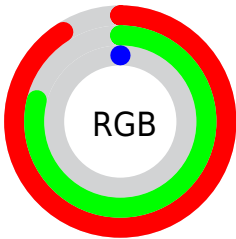
Format	Color
R _Y B	36, 233, 0
Decimal	15321600
CIE Lab	81.60, -4.73, 82.42
CIE LCh	82, 82.560, 93.287
Yxy	59.5647, 0.4453, 0.4847
Android (android.graphics.Color)	4293511680 (0xFFE9CA00)
YUV	188.2410, -92.8028, 39.2536
Hunter-Lab	77.1782, -8.4926, 47.4081

Details

The Decimal color **15321600** is a dark color, and the websafe version is hex **FFCC00**. The color can be described as middle washed yellow. A complement of this color would be **8169**, and the grayscale version is **12434877**.

A 20% lighter version of the original color is **16777045**, and **11310080** is the 20% darker color. If you saturate the color by 10%, you get **15321600**, and if you desaturate by 10%, it is **15322391**.

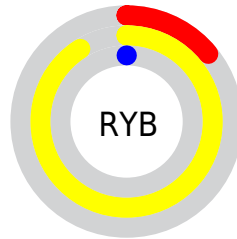
Distribution



Red (91%)

Green (79%)

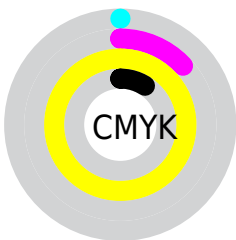
Blue (0%)



Red (14%)

Yellow (91%)

Blue (0%)

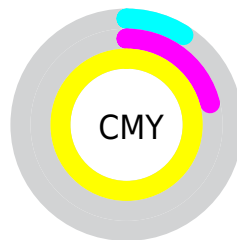


Cyan (0%)

Magenta (13%)

Yellow (100%)

Black (9%)



Cyan (9%)



















Magenta (21%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 15321600 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 15321600 by changing the saturation by 10% instead.

 15321600	 15321600
 16777215	 13283072
 16777045	 11310080
 16777075	 9403136
 16777104	 7496192
 16777133	 5655296
 16777163	 3880192
 16777192	 2236416
	 2304
	 0

 15321600

 15322391

 15323183

 15323974

 15324765

 15325813

 15326604

 15327395

 15328186

 15328978

Harmonies

Analogous

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



16755769



15321600



10149433

Triad

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



15321600



61183



16748543

Complementary

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



15321600



8169

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.



14070527



15321600



58879

Square

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



15321600



61393



53759



16743878

Rectangle

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



15321600



4908904



53759



16751359

Sweetspot

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



15321600



16774579



15269919



8419666



0



8421504

Same Dimension

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



15321600



16768256



9758976



7697514



11902208



3550720

Inverse Universe

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



8169



8959



5570793



6974325



6325



1846

Previews

White Background



This preview shows how the Decimal color 15321600 looks on a white background.

Color Contrast Check

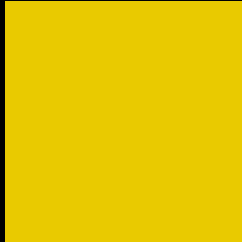
Large Text (above 18pt) WCAG AA × Fail

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 15321600 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 15321600 Background



This preview shows how black text looks on a background with the Decimal color 15321600.

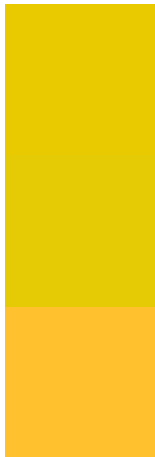


This preview shows how white text looks on a background with the Decimal color 15321600.

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
15321600

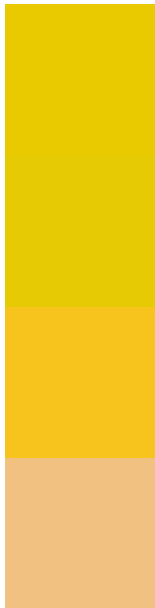
Protanopia
15059718

Deuteranopia
16761134



Tritanopia
16039114

Trichromacy



Original Color
15321600

Protanomaly
15125252

Deuteranomaly
16237597

Tritanomaly
15778177

Monochromacy



Original Color
15321600

Achromatopsia
12369084

Achromatomaly
13418872

CSS Examples

Text

The CSS property to change the color of the text to Decimal 15321600 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 #E9CA00 looks like.

```
.text, #text, p{  
    color:#E9CA00  
}
```

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 #E9CA00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E9CA00
}
```

Border

The CSS property to change the border of an element to Decimal 15321600 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
#E9CA00 }
```

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

```
.border{ border-color:#E9CA00 }
```

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

Here you see how a box with a 4 pixel #E9CA00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E9CA00; -webkit-box-shadow:4px 4px  
4px 4px #E9CA00; box-shadow:4px 4px 4px  
4px #E9CA00 }
```

Background

The CSS property to change the background color of an element to Decimal 15321600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E9CA00 }
```

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

```
.background{ background-color:#E9CA00 }
```

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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