

Converting Colors

Decimal(15914240)

Have a look what the booklet for
Decimal(15914240) contains.

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Color

Decimal(15914240)

Conversions

Conversions Part 1

Format	Color
Hex	F2D500
RGB	242, 213, 0
RGB Percent	95%, 84%, 0%
CMY	0.0510, 0.1647, 1.0000
CMYK	0.00, 0.12, 1.00, 0.05
HSL	53°, 100%, 47%
HSV	53°, 100%, 95%
XYZ	60.4122, 66.4657, 9.6451
YIQ	197.3890, 85.6570, -60.0950

Conversions

Conversions Part 2

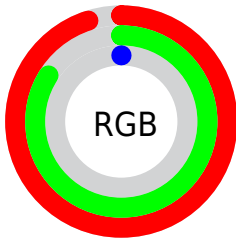
Format	Color
R_{YB}	33, 242, 0
Decimal	15914240
CIE Lab	85.23, -6.45, 85.39
CIE LCh	85, 85.629, 94.322
Yxy	66.4657, 0.4425, 0.4868
Android (android.graphics.Color)	4294104320 (0xFFFF2D500)
YUV	197.3890, -97.3128, 39.1238
Hunter-Lab	81.5265, -10.4006, 50.0542

Details

The Decimal color **15914240** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light saturated yellow. A complement of this color would be **7666**, and the grayscale version is **13027014**.

A 20% lighter version of the original color is **16777048**, and **11902720** is the 20% darker color. If you saturate the color by 10%, you get **15914240**, and if you desaturate by 10%, it is **15915032**.

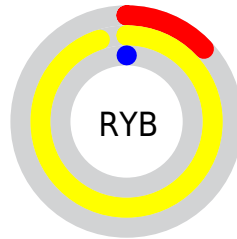
Distribution



Red (95%)

Green (84%)

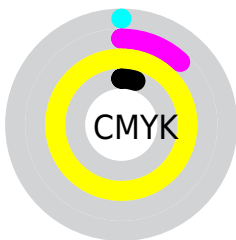
Blue (0%)



Red (13%)

Yellow (95%)

Blue (0%)

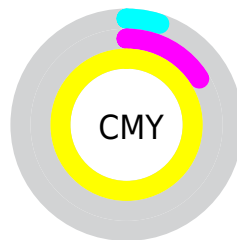


Cyan (0%)

Magenta (12%)

Yellow (100%)

Black (5%)



Cyan (5%)


















Magenta (16%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 15914240 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 15914240 by changing the saturation by 10% instead.

 15914240	 15914240
16777215	 13875712
 16777048	 11902720
 16777078	 9929984
 16777107	 8023040
 16777137	 6116352
 16777166	 4340992
 16777196	 2697216
	 791552
	 0

 15914240

 15915032

 15915824

 15916617

 15917409

 15917945

 15918737

 15919529

 15920322

 15921114

Harmonies

Analogous

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



16758330



15914240



10414655

Triad

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



15914240



63999



16750079

Complementary

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



15914240



7666

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.



15055615



15914240



61695

Square

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



15914240



64479



56319



16745421

Rectangle

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



15914240



4715377



56319



16753151

Sweetspot

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



15914240



16774835



15859744



8419922



0



8421504

Same Dimension

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



15914240



16769024



10088960



7894636



12100096



3682560

Inverse Universe

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



7666



8191



5832946



7105912



5816



1848

Previews

White Background



This preview shows how the Decimal color 15914240 looks on a white background.

Color Contrast Check

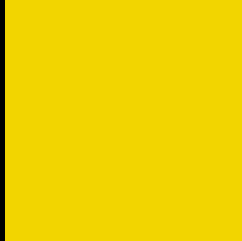
Large Text (above 18pt) WCAG AA × Fail

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 15914240 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 15914240 Background



This preview shows how black text looks on a background with the Decimal color 15914240.



This preview shows how white text looks on a background with the Decimal color 15914240.

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
15914240

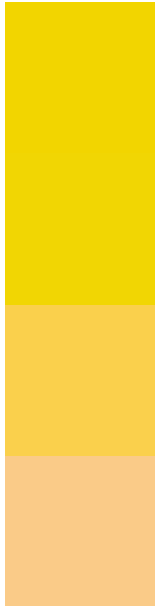
Protanopia
15783428

Deuteranopia
16764280



Tritanopia
16697045

Trichromacy



Original Color
15914240

Protanomaly
15848963

Deuteranomaly
16437324

Tritanomaly
16436104

Monochromacy



Original Color
15914240

Achromatopsia
12961221

Achromatomaly
14011261

CSS Examples

Text

The CSS property to change the color of the text to Decimal 15914240 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 #F2D500 looks like.

```
.text, #text, p{  
    color:#F2D500  
}
```

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 #F2D500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F2D500
}
```

Border

The CSS property to change the border of an element to Decimal 15914240 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
#F2D500 }
```

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

```
.border{ border-color:#F2D500 }
```

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

Here you see how a box with a 4 pixel #F2D500 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F2D500; -webkit-box-shadow:4px 4px  
4px 4px #F2D500; box-shadow:4px 4px 4px  
4px #F2D500 }
```

Background

The CSS property to change the background color of an element to Decimal 15914240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F2D500 }
```

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

```
.background{ background-color:#F2D500 }
```

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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