

Converting Colors

Decimal(15910473)

Have a look what the booklet for
Decimal(15910473) contains.

Decimal(15910473)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(15910473)

Conversions

Conversions Part 1

Format	Color
Hex	F2C649
RGB	242, 198, 73
RGB Percent	95%, 78%, 29%
CMY	0.0510, 0.2235, 0.7137
CMYK	0.00, 0.18, 0.70, 0.05
HSL	44°, 87%, 62%
HSV	44°, 70%, 95%
XYZ	58.0146, 59.7465, 14.7778
YIQ	196.9060, 66.3490, -29.5470

Conversions

Conversions Part 2

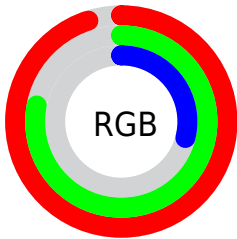
Format	Color
RYB	132, 242, 73
Decimal	15910473
CIELab	81.70, 3.01, 65.67
CIELCh	82, 65.736, 87.373
Yxy	59.7465, 0.4377, 0.4508
Android (android.graphics.Color)	4294100553 (0xFFFF2C649)
YUV	196.9060, -61.0857, 39.5474
Hunter-Lab	77.2958, -1.2940, 42.7717

Details

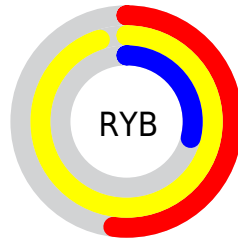
The Decimal color **15910473** is a light color, and the websafe version is hex **FFCC66**, and the color name is **maize (crayola)**. The color can be described as light washed yellow. A complement of this color would be **4814322**, and the grayscale version is **12961221**.

A 20% lighter version of the original color is **16776832**, and **11964675** is the 20% darker color. If you saturate the color by 10%, you get **15908913**, and if you desaturate by 10%, it is **15912033**.

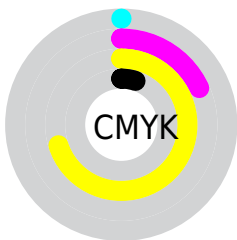
Distribution



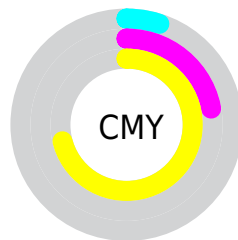
- Red (95%)
- Green (78%)
- Blue (29%)



- Red (52%)
- Yellow (95%)
- Blue (29%)



- Cyan (0%)
- Magenta (18%)
- Yellow (70%)
- Black (5%)




















- Cyan (5%)
- Magenta (22%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 15910473 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 15910473 by changing the saturation by 10% instead.

 15910473	 15910473
 16777215	 13937452
 16776832	 11964675
 16777116	 10057472
 16777144	 8150784
 16777172	 6309632
 16777202	 4534528
	 2825472
	 1049600
	 0

15910473

15910473

15908913

15912033

15907097

15913849

15905536

15915410

15916970

15918786

15920346

15921906

15923455

15925247

Harmonies

Analogous

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



16756580



15910473



11917399

Triad

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



15910473



59903



16753919

Complementary

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



15910473



4814322

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.



12959231



15910473



58111

Square

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



15910473



59843



1889279



16750035

Rectangle

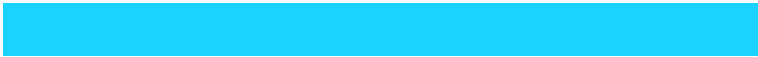
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



15910473



8642932



1889279



16559359

Sweetspot

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



15910473



16773577



15878518



8419168



0



8421504

Same Dimension

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



15910473



16762665



13365833



7894380



12093440



3680512

Inverse Universe

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



4814322



2712063



7358962



7106424



12472



3896

Previews

White Background



This preview shows how the Decimal color 15910473 looks on a white background.

Color Contrast Check

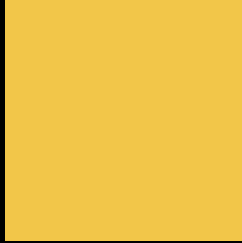
Large Text (above 18pt) WCAG AA × Fail

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 15910473 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 15910473 Background



This preview shows how black text looks on a background with the Decimal color 15910473.



This preview shows how white text looks on a background with the Decimal color 15910473.

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](#).

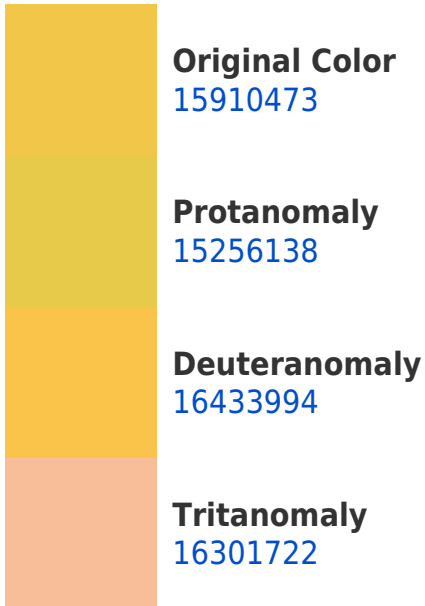
Dichromacy





Tritanopia
16497096

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 15910473 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 #F2C649 looks like.

```
.text, #text, p{  
    color:#F2C649  
}
```

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 #F2C649 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F2C649
}
```

Border

The CSS property to change the border of an element to Decimal 15910473 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
#F2C649 }
```

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

```
.border{ border-color:#F2C649 }
```

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

Here you see how a box with a 4 pixel #F2C649 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F2C649; -webkit-box-shadow:4px 4px  
4px 4px #F2C649; box-shadow:4px 4px 4px  
4px #F2C649 }
```

Background

The CSS property to change the background color of an element to Decimal 15910473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F2C649 }
```

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

```
.background{ background-color:#F2C649 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor