

Converting Colors

Decimal(15649094)

Have a look what the booklet for
Decimal(15649094) contains.

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Color

Decimal(15649094)

Conversions

Conversions Part 1

Format	Color
Hex	EEC946
RGB	238, 201, 70
RGB Percent	93%, 79%, 27%
CMY	0.0667, 0.2118, 0.7255
CMYK	0.00, 0.16, 0.71, 0.07
HSL	47°, 83%, 60%
HSV	47°, 71%, 93%
XYZ	57.2520, 60.3926, 14.4338
YIQ	197.1290, 64.1030, -32.8970

Conversions

Conversions Part 2

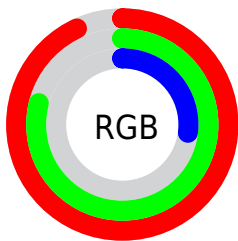
Format	Color
RYB	117, 238, 70
Decimal	15649094
CIELab	82.05, -0.37, 67.08
CIELCh	82, 67.077, 90.313
Yxy	60.3926, 0.4335, 0.4572
Android (android.graphics.Color)	4293839174 (0xFFEEC946)
YUV	197.1290, -62.6746, 35.8439
Hunter-Lab	77.7127, -4.4938, 43.3868

Details

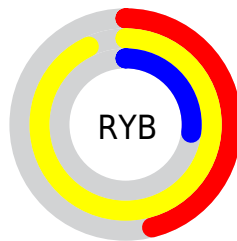
The Decimal color **15649094** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light muted yellow. A complement of this color would be **4615150**, and the grayscale version is **13027014**.

A 20% lighter version of the original color is **16777085**, and **11703040** is the 20% darker color. If you saturate the color by 10%, you get **15647790**, and if you desaturate by 10%, it is **15650398**.

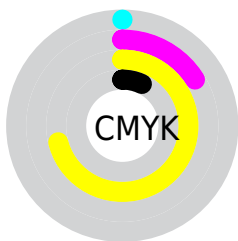
Distribution



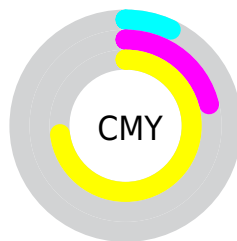
- Red (93%)
- Green (79%)
- Blue (27%)



- Red (46%)
- Yellow (93%)
- Blue (27%)



- Cyan (0%)
- Magenta (16%)
- Yellow (71%)
- Black (7%)




















- Cyan (7%)
- Magenta (21%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 15649094 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 15649094 by changing the saturation by 10% instead.

 15649094	 15649094
 16777215	 13676072
 16777085	 11703040
 16777113	 9796096
 16777141	 7954688
 16777170	 6113792
 16777199	 4338688
	 2629376
	 722688
	 0

15649094

15649094

15647790

15650398

15646486

15651702

15645184

15653261

15654565

15655869

15657173

15658733

15660031

15661311

Harmonies

Analogous

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



16757342



15649094



11524953

Triad

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



15649094



60159



16753407

Complementary

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



15649094



4615150

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.



13614079



15649094



58111

Square

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



15649094



60363



3920895



16749774

Rectangle

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



15649094



8053624



3920895



16755455

Sweetspot

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



15649094



16774089



15615597



8419424



0



8421504

Same Dimension

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



15649094



16764710



12709446



7894380



12095232



3681280

Inverse Universe

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



4615150



2512639



7554798



7106424



10424



3128

Previews

White Background



This preview shows how the Decimal color 15649094 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 15649094 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 15649094 Background



This preview shows how black text looks on a background with the Decimal color 15649094.



This preview shows how white text looks on a background with the Decimal color 15649094.

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
15649094

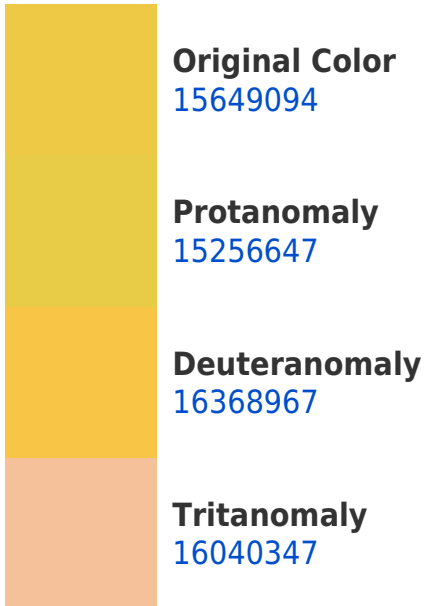
Protanopia
14994759

Deuteranopia
16761416



Tritanopia
16301259

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 15649094 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 #EEC946 looks like.

```
.text, #text, p{  
    color:#EEC946  
}
```

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 #EEC946 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EEC946
}
```

Border

The CSS property to change the border of an element to Decimal 15649094 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
#EEC946 }
```

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

```
.border{ border-color:#EEC946 }
```

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

Here you see how a box with a 4 pixel #EEC946 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EEC946; -webkit-box-shadow:4px 4px  
4px 4px #EEC946; box-shadow:4px 4px 4px  
4px #EEC946 }
```

Background

The CSS property to change the background color of an element to Decimal 15649094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EEC946 }
```

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

```
.background{ background-color:#EEC946 }
```

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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