

# Converting Colors

Decimal(15063398)

Have a look what the booklet for  
Decimal(15063398) contains.

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# **Color**

**Decimal(15063398)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E5D966
RGB	229, 217, 102
RGB Percent	90%, 85%, 40%
CMY	0.1020, 0.1490, 0.6000
CMYK	0.00, 0.05, 0.55, 0.10
HSL	54°, 71%, 65%
HSV	54°, 55%, 90%
XYZ	59.5242, 67.2430, 22.4123
YIQ	207.4780, 44.0670, -33.2210

# Conversions

## Conversions Part 2

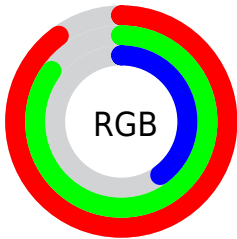
Format	Color
R <sub>Y</sub> B	115, 229, 102
Decimal	15063398
CIE Lab	85.63, -10.26, 57.13
CIE LCh	86, 58.045, 100.185
Yxy	67.2430, 0.3990, 0.4508
Android (android.graphics.Color)	4293253478 (0xFFE5D966)
YUV	207.4780, -52.0007, 18.8748
Hunter-Lab	82.0018, -13.9321, 41.1965

# Details

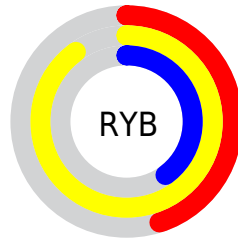
The Decimal color **15063398** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **6714085**, and the grayscale version is **13684944**.

A 20% lighter version of the original color is **16777116**, and **11248176** is the 20% darker color. If you saturate the color by 10%, you get **15062863**, and if you desaturate by 10%, it is **15063933**.

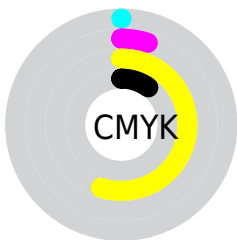
# Distribution



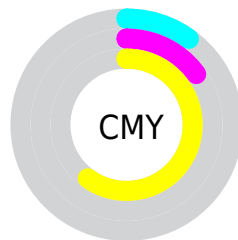
- Red (90%)
- Green (85%)
- Blue (40%)



- Red (45%)
- Yellow (90%)
- Blue (40%)



- Cyan (0%)
- Magenta (5%)
- Yellow (55%)
- Black (10%)



















- Cyan (10%)
- Magenta (15%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15063398 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 15063398 by changing the saturation by 10% instead.



 15063398	 15063398
 16777215	 13155659
 16777116	 11248176
 16777144	 9406480
 16777172	 7565056
 16777202	 5789440
	 4079616
	 2435584
	 333568
	 0

 15063398

 15063398

 15062863

 15063933

 15062328

 15064468

 15061793

 15065003

 15061002

 15065794

 15060736

 15066329

 15066863

 15067391

 15067903

 15068415

# Harmonies

## Analogous

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



16762478



15063398



11134847

# Triad

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



15063398



61439



16756477

# Complementary

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



15063398



6714085

# 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.



15974655



15063398



59135

# Square

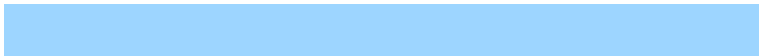
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



15063398



62184



10343935



16754885

# Rectangle

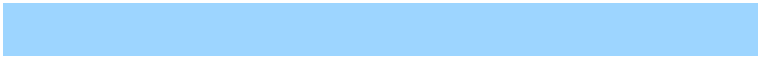
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



15063398



7925149



10343935



16757759

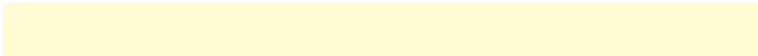


# Sweetspot

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



15063398



16776148



15033971



8420710



0



8421504



# Same Dimension

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



15063398



16772948



11724134



7565927



11772416



3354112



# Inverse Universe

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



6714085



5530879



10053349



6776947



4531

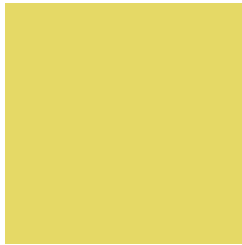


1331



# Previews

## White Background



This preview shows how the Decimal color 15063398 looks on a white background.

## Color Contrast Check

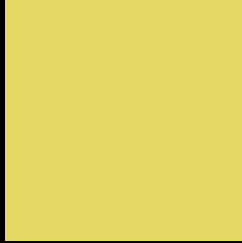
Large Text (above 18pt) WCAG AA × Fail

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 15063398 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 15063398 Background



This preview shows how black text looks on a background with the Decimal color 15063398.



This preview shows how white text looks on a background with the Decimal color 15063398.

# 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**  
15063398

**Protanopia**  
15586917

**Deuteranopia**  
16764551



**Tritanopia**  
15781084

# Trichromacy



**Original Color**  
15063398

**Protanomaly**  
15390565

**Deuteranomaly**  
16175739

**Tritanomaly**  
15520177

# Monochromacy



**Original Color**  
15063398

**Achromatopsia**  
13619151

**Achromatomaly**  
14144425

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15063398 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 #E5D966 looks like.

```
.text, #text, p{  
    color:#E5D966  
}
```

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 #E5D966 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E5D966
}
```

## Border

The CSS property to change the border of an element to Decimal 15063398 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
#E5D966 }
```

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

```
.border{ border-color:#E5D966 }
```

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

Here you see how a box with a 4 pixel #E5D966 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E5D966; -webkit-box-shadow:4px 4px  
4px 4px #E5D966; box-shadow:4px 4px 4px  
4px #E5D966 }
```

# Background

The CSS property to change the background color of an element to Decimal 15063398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E5D966 }
```

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

```
.background{ background-color:#E5D966 }
```

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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