

Converting Colors

Decimal(15320198)

Have a look what the booklet for
Decimal(15320198) contains.

Decimal(15320198)	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(15320198)

Conversions

Conversions Part 1

Format	Color
Hex	E9C486
RGB	233, 196, 134
RGB Percent	91%, 77%, 53%
CMY	0.0863, 0.2314, 0.4745
CMYK	0.00, 0.16, 0.42, 0.09
HSL	38°, 69%, 72%
HSV	38°, 42%, 91%
XYZ	57.6473, 58.5247, 30.8123
YIQ	199.9950, 41.9540, -11.4380

Conversions

Conversions Part 2

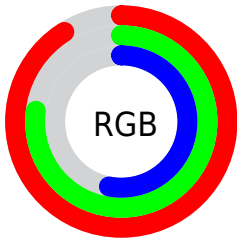
Format	Color
RYB	193, 233, 134
Decimal	15320198
CIELab	81.03, 5.01, 35.99
CIELCh	81, 36.333, 82.081
Yxy	58.5247, 0.3922, 0.3982
Android (android.graphics.Color)	4293510278 (0xFFE9C486)
YUV	199.9950, -32.5355, 28.9454
Hunter-Lab	76.5015, 0.6302, 29.6709

Details

The Decimal color **15320198** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **8825833**, and the grayscale version is **13158600**.

A 20% lighter version of the original color is **16776636**, and **11570771** is the 20% darker color. If you saturate the color by 10%, you get **15317871**, and if you desaturate by 10%, it is **15322525**.

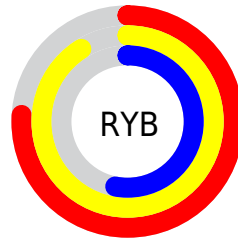
Distribution



Red (91%)

Green (77%)

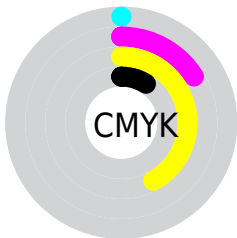
Blue (53%)



Red (76%)

Yellow (91%)

Blue (53%)

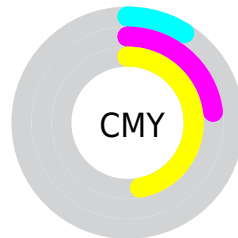


Cyan (0%)

Magenta (16%)

Yellow (42%)

Black (9%)



Cyan (9%)

Magenta (23%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 15320198 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 15320198 by changing the saturation by 10% instead.

15320198

15320198

16777215

13412716

16776636

11570771

16777176

9729339

16777204

7953444

6178059

4534016

2890240

1114112

0

15320198

15320198

15317871

15322525

15315799

15324597

15313472

15326924

15311145

15329251

15308817

15331579

15307264

15333631

15335423

Harmonies

Analogous

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



16759189



15320198



13094793

Triad

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



15320198



5889250



15513843

Complementary

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



15320198



8825833

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.



12698879



15320198



6412542

Square

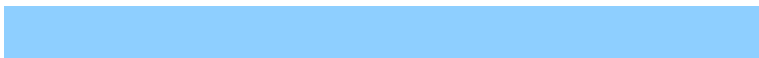
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



15320198



7920575



9359359



16756948

Rectangle

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



15320198



11392406



9359359



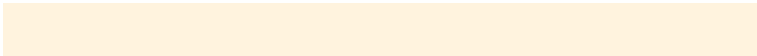
14662908

Sweetspot

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



15320198



16774110



15304364



8419435



0



8421504

Same Dimension

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



15320198



16764541



14543238



7696746



11890944



3547648

Inverse Universe

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



8825833



8236799



9602793



6975093



17589



5174

Previews

White Background



This preview shows how the Decimal color 15320198 looks on a white background.

Color Contrast Check

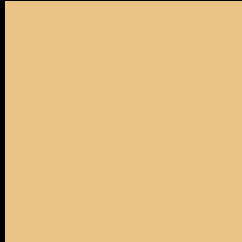
Large Text (above 18pt) WCAG AA × Fail

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 15320198 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 15320198 Background



This preview shows how black text looks on a background with the Decimal color 15320198.



This preview shows how white text looks on a background with the Decimal color 15320198.

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](#).

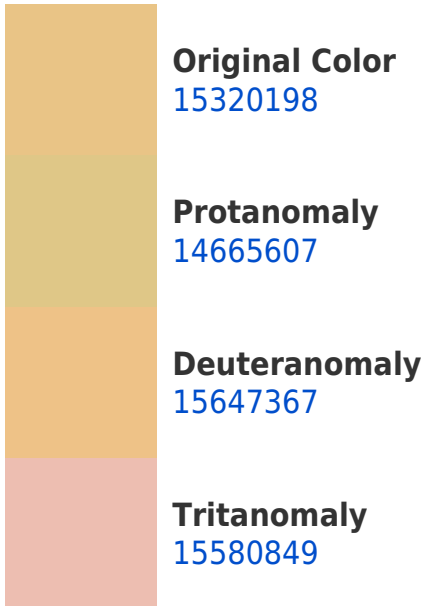
Dichromacy





Tritanopia
15776714

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 15320198 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 #E9C486 looks like.

```
.text, #text, p{  
    color:#E9C486  
}
```

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 #E9C486 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E9C486
}
```

Border

The CSS property to change the border of an element to Decimal 15320198 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
#E9C486 }
```

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

```
.border{ border-color:#E9C486 }
```

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

Here you see how a box with a 4 pixel #E9C486 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E9C486; -webkit-box-shadow:4px 4px  
4px 4px #E9C486; box-shadow:4px 4px 4px  
4px #E9C486 }
```

Background

The CSS property to change the background color of an element to Decimal 15320198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E9C486 }
```

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

```
.background{ background-color:#E9C486 }
```

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