

# Converting Colors

Decimal(15584933)

Have a look what the booklet for  
Decimal(15584933) contains.

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# **Color**

**Decimal(15584933)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EDCEA5
RGB	237, 206, 165
RGB Percent	93%, 81%, 65%
CMY	0.0706, 0.1922, 0.3529
CMYK	0.00, 0.13, 0.30, 0.07
HSL	34°, 67%, 79%
HSV	34°, 30%, 93%
XYZ	63.7879, 64.8638, 44.7553
YIQ	210.5950, 31.6370, -6.1790

# Conversions

## Conversions Part 2

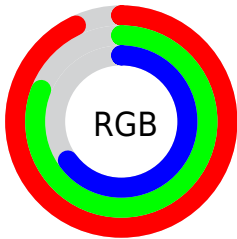
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	219, 237, 165
Decimal	15584933
CIE <sub>Lab</sub>	84.41, 4.94, 24.42
CIE <sub>LCh</sub>	84, 24.917, 78.556
Yxy	64.8638, 0.3679, 0.3741
Android (android.graphics.Color)	4293775013 (0xFFEDCEA5)
YUV	210.5950, -22.4783, 23.1572
Hunter-Lab	80.5380, 0.4344, 23.4290

# Details

The Decimal color **15584933** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **10863853**, and the grayscale version is **13882323**.

A 20% lighter version of the original color is **16777180**, and **11835505** is the 20% darker color. If you saturate the color by 10%, you get **15582349**, and if you desaturate by 10%, it is **15587517**.

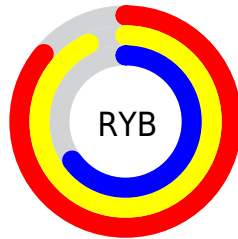
# Distribution



Red (93%)

Green (81%)

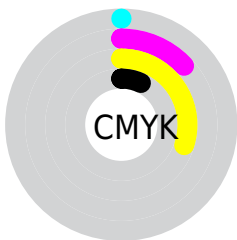
Blue (65%)



Red (86%)

Yellow (93%)

Blue (65%)

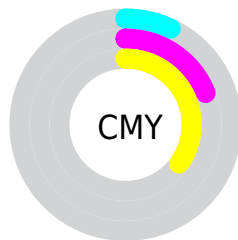


Cyan (0%)

Magenta (13%)

Yellow (30%)

Black (7%)



Cyan (7%)

Magenta (19%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15584933 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 15584933 by changing the saturation by 10% instead.



 15584933

 15584933

16777215

 13677451

 16777180

 11835505

 16777209

 10059352

 8283456

 6573354

 4929044

 3416320

 1837824

 0

 15584933

 15584933

 15582349

 15587517

 15579766

 15590100

 15576926

 15592940

 15574342

 15595519

 15571758

 15597567

 15569175

 15566592

# Harmonies

## Analogous

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



16697264



15584933



14014118

# Triad

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



15584933



9625825



15255794

# Complementary

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



15584933



10863853

# 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.



13357311



15584933



9821685

# Square

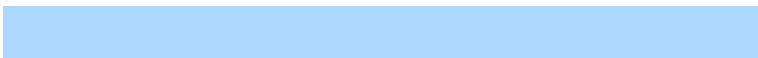
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



15584933



10608841



11327743



16565213

# Rectangle

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



15584933



12835501



11327743



14666487

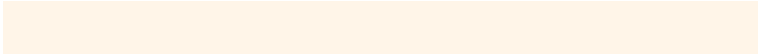


# Sweetspot

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



15584933



16774632



15574468



8419697



0



8421504



# Same Dimension

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



15584933



16766883



15265189



7696490



11888384



3546624



# Inverse Universe

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



10863853



10734591



11183597



6975349



20149

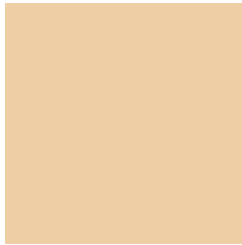


5942



# Previews

## White Background



This preview shows how the Decimal color 15584933 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 15584933 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

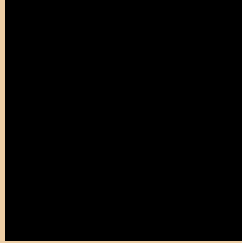
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 15584933 Background



This preview shows how black text looks on a background with the Decimal color 15584933.



This preview shows how white text looks on a background with the Decimal color 15584933.

# 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**  
15976407

# Trichromacy



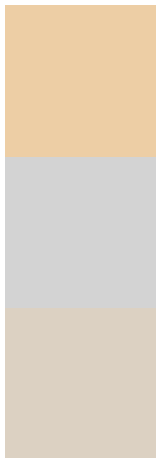
**Original Color**  
15584933

**Protanomaly**  
15061414

**Deuteranomaly**  
15977382

**Tritanomaly**  
15846085

# Monochromacy



**Original Color**  
15584933

**Achromatopsia**  
13882323

**Achromatomaly**  
14471618

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15584933 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 #EDCEA5 looks like.

```
.text, #text, p{  
    color:#EDCEA5  
}
```

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 #EDCEA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EDCEA5  
}
```

## Border

The CSS property to change the border of an element to Decimal 15584933 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  
#EDCEA5 }
```

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

```
.border{ border-color:#EDCEA5 }
```

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

Here you see how a box with a 4 pixel #EDCEA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EDCEA5; -webkit-box-shadow:4px 4px  
4px 4px #EDCEA5; box-shadow:4px 4px 4px  
4px #EDCEA5 }
```

# Background

The CSS property to change the background color of an element to Decimal 15584933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EDCEA5 }
```

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

```
.background{ background-color:#EDCEA5 }
```

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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