

# Converting Colors

Decimal(14335320)

Have a look what the booklet for  
Decimal(14335320) contains.

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# **Color**

**Decimal(14335320)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DABD58
RGB	218, 189, 88
RGB Percent	85%, 74%, 35%
CMY	0.1451, 0.2588, 0.6549
CMYK	0.00, 0.13, 0.60, 0.15
HSL	47°, 64%, 60%
HSV	47°, 60%, 85%
XYZ	48.8725, 52.0052, 16.6947
YIQ	186.1570, 49.7050, -25.2630

# Conversions

## Conversions Part 2

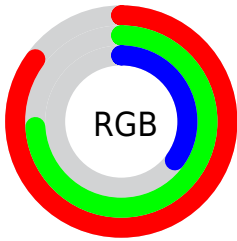
<b>Format</b>	<b>Color</b>
<b>RYB</b>	125, 218, 88
Decimal	14335320
CIELab	77.28, -1.52, 53.79
CIELCh	77, 53.810, 91.614
Yxy	52.0052, 0.4157, 0.4423
Android (android.graphics.Color)	4292525400 (0xFFDABD58)
YUV	186.1570, -48.3914, 27.9263
Hunter-Lab	72.1146, -5.2302, 36.7545

# Details

The Decimal color **14335320** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **5797338**, and the grayscale version is **12303291**.

A 20% lighter version of the original color is **16774541**, and **10520611** is the 20% darker color. If you saturate the color by 10%, you get **14334018**, and if you desaturate by 10%, it is **14336622**.

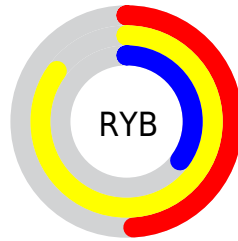
# Distribution



Red (85%)

Green (74%)

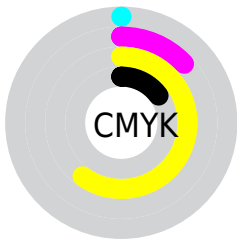
Blue (35%)



Red (49%)

Yellow (85%)

Blue (35%)

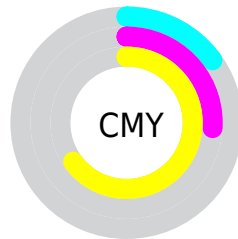


Cyan (0%)

Magenta (13%)

Yellow (60%)

Black (15%)



Cyan (15%)

Magenta (26%)

















Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 14335320 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 14335320 by changing the saturation by 10% instead.



 14335320	 14335320
16777215	 12427838
 16774541	 10520611
 16777128	 8679168
 16777156	 6903552
 16777185	 5128192
16777214	 3418624
	 1775104
	 0
 14335320	 14335320

■ 14334018

■ 14336622

■ 14332716

■ 14337924

■ 14331415

■ 14339225

■ 14330369

■ 14340271

■ 14330112

■ 14341573

■ 14342875

■ 14344177

■ 14345471

■ 14346751

# Harmonies

## Analogous

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



16755560



14335320



10996583

# Triad

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



14335320



55282



16752367

# Complementary

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



14335320



5797338

# 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.



13021695



14335320



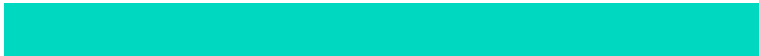
53503

# Square

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



14335320



55488



7128063



16750014

# Rectangle

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



14335320



8311423



7128063



15705341



# Sweetspot

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



14335320



16774609



14309494



8419683



0



8421504



# Same Dimension

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



14335320



16766535



12048984



7236451



11372288



3023872



# Inverse Universe

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



5797338



4681983



8083674



6514030



10157



2606



# Previews

## White Background



This preview shows how the Decimal color 14335320 looks on a white background.

## Color Contrast Check

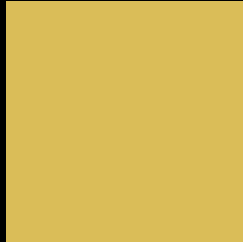
Large Text (above 18pt) WCAG AA × Fail

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 14335320 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 14335320 Background



This preview shows how black text looks on a background with the Decimal color 14335320.



This preview shows how white text looks on a background with the Decimal color 14335320.

# 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**  
14335320

**Protanopia**  
13942617

**Deuteranopia**  
15513178



**Tritanopia**  
14922432

# Trichromacy



**Original Color**  
14335320

**Protanomaly**  
14073433

**Deuteranomaly**  
15055193

**Tritanomaly**  
14726810

# Monochromacy



**Original Color**  
14335320

**Achromatopsia**  
12237498

**Achromatomaly**  
13024150

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 14335320 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 #DABD58 looks like.

```
.text, #text, p{  
  color:#DABD58  
}
```

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 #DABD58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DABD58  
}
```

## Border

The CSS property to change the border of an element to Decimal 14335320 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  
#DABD58 }
```

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

```
.border{ border-color:#DABD58 }
```

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

Here you see how a box with a 4 pixel #DABD58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DABD58; -webkit-box-shadow:4px 4px  
4px 4px #DABD58; box-shadow:4px 4px 4px  
4px #DABD58 }
```

# Background

The CSS property to change the background color of an element to Decimal 14335320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DABD58 }
```

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

```
.background{ background-color:#DABD58 }
```

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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