

# Converting Colors

Decimal(14266215)

Have a look what the booklet for  
Decimal(14266215) contains.

<b>Decimal(14266215)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Decimal(14266215)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D9AF67
RGB	217, 175, 103
RGB Percent	85%, 69%, 40%
CMY	0.1490, 0.3137, 0.5961
CMYK	0.00, 0.19, 0.53, 0.15
HSL	38°, 60%, 63%
HSV	38°, 53%, 85%
XYZ	46.3934, 46.3909, 19.3411
YIQ	179.3500, 48.1440, -13.4880

# Conversions

## Conversions Part 2

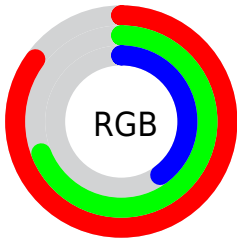
<b>Format</b>	<b>Color</b>
<b>RYB</b>	170, 217, 103
Decimal	14266215
CIELab	73.80, 6.62, 42.40
CIELCh	74, 42.911, 81.130
Yxy	46.3909, 0.4138, 0.4137
Android (android.graphics.Color)	4292456295 (0xFFD9AF67)
YUV	179.3500, -37.6405, 33.0191
Hunter-Lab	68.1109, 2.3904, 30.8413

# Details

The Decimal color **14266215** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **6787545**, and the grayscale version is **11842740**.

A 20% lighter version of the original color is **16770715**, and **10517301** is the 20% darker color. If you saturate the color by 10%, you get **14264145**, and if you desaturate by 10%, it is **14268285**.

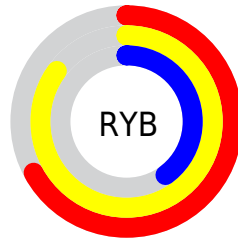
# Distribution



Red (85%)

Green (69%)

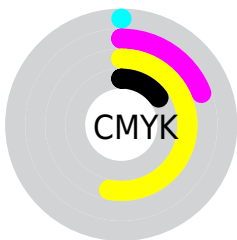
Blue (40%)



Red (67%)

Yellow (85%)

Blue (40%)

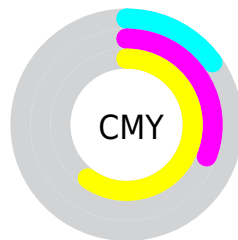


Cyan (0%)

Magenta (19%)

Yellow (53%)

Black (15%)



Cyan (15%)

Magenta (31%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 14266215 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 14266215 by changing the saturation by 10% instead.



 14266215

 14266215

16777215

 12358734

 16770715

 10517301

 16777143

 8675869

 16777171

 6834689

 16777199

 5190656

 3415808

 1837056

 0

 14266215

 14266215

14264145

14268285

14262076

14270354

14260006

14272424

14257936

14274494

14256384

14276564

14278633

14280703

14282751

14284799

# Harmonies

## Analogous

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



16097658



14266215



11779178

# Triad

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



14266215



51920



14393831

# Complementary

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



14266215



6787545

# 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.



11055359



14266215



50930

# Square

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



14266215



5097896



6471167



16422851

# Rectangle

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



14266215



9814648



6471167



13412081

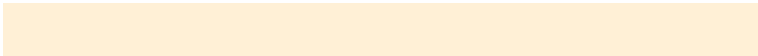


# Sweetspot

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



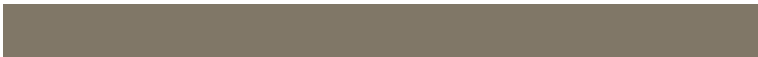
14266215



16773334



14247827



8419175



0



8421504



# Same Dimension

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



14266215



16761950



13424999



7236195



11365888



3022080



# Inverse Universe

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



6787545



6200063



7628761



6514542



16557



4398



# Previews

## White Background



This preview shows how the Decimal color 14266215 looks on a white background.

## Color Contrast Check

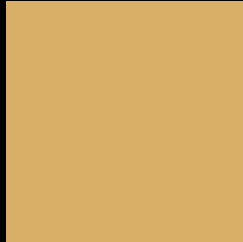
Large Text (above 18pt) WCAG AA × Fail

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 14266215 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 14266215 Background



This preview shows how black text looks on a background with the Decimal color 14266215.



This preview shows how white text looks on a background with the Decimal color 14266215.

# 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**  
14266215

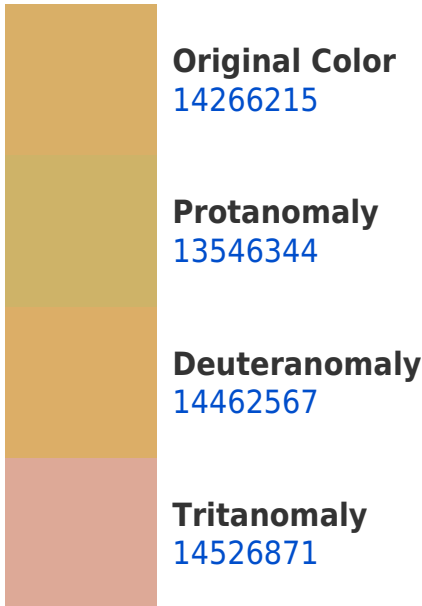
**Protanopia**  
13088361

**Deuteranopia**  
14527847



**Tritanopia**  
14722739

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 14266215 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 #D9AF67 looks like.

```
.text, #text, p{  
    color:#D9AF67  
}
```

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 #D9AF67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D9AF67
}
```

## Border

The CSS property to change the border of an element to Decimal 14266215 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
#D9AF67 }
```

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

```
.border{ border-color:#D9AF67 }
```

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

Here you see how a box with a 4 pixel #D9AF67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D9AF67; -webkit-box-shadow:4px 4px  
4px 4px #D9AF67; box-shadow:4px 4px 4px  
4px #D9AF67 }
```

# Background

The CSS property to change the background color of an element to Decimal 14266215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D9AF67 }
```

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

```
.background{ background-color:#D9AF67 }
```

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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