

# Converting Colors

Decimal(13018425)

Have a look what the booklet for  
Decimal(13018425) contains.

<b>Decimal(13018425)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(13018425)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C6A539
RGB	198, 165, 57
RGB Percent	78%, 65%, 22%
CMY	0.2235, 0.3529, 0.7765
CMYK	0.00, 0.17, 0.71, 0.22
HSL	46°, 55%, 50%
HSV	46°, 71%, 78%
XYZ	37.4824, 39.2114, 9.4639
YIQ	162.5550, 54.3360, -26.5920

# Conversions

## Conversions Part 2

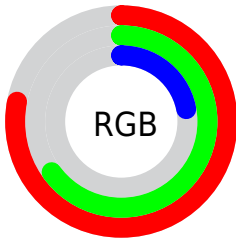
Format	Color
<a href="#">RYB</a>	<a href="#">100, 198, 57</a>
Decimal	<a href="#">13018425</a>
CIELab	<a href="#">68.90, 0.70, 57.79</a>
CIELCh	<a href="#">69, 57.797, 89.310</a>
Yxy	<a href="#">39.2114, 0.4350, 0.4551</a>
Android (android.graphics.Color)	<a href="#">4291208505</a> ( <a href="#">0xFFC6A539</a> )
YUV	<a href="#">162.5550, -52.0386, 31.0853</a>
Hunter-Lab	<a href="#">62.6190, -2.7372, 34.8725</a>

# Details

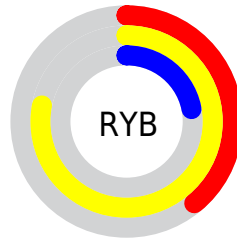
The Decimal color **13018425** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **3758790**, and the grayscale version is **10724259**.

A 20% lighter version of the original color is **16768110**, and **9204224** is the 20% darker color. If you saturate the color by 10%, you get **13017125**, and if you desaturate by 10%, it is **13019725**.

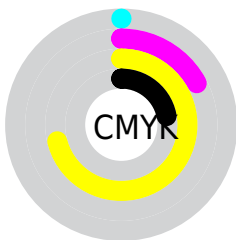
# Distribution



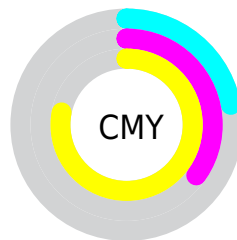
- Red (78%)
- Green (65%)
- Blue (22%)



- Red (39%)
- Yellow (78%)
- Blue (22%)



- Cyan (0%)
- Magenta (17%)
- Yellow (71%)
- Black (22%)



- Cyan (22%)
- Magenta (35%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13018425 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 13018425 by changing the saturation by 10% instead.



 13018425

 13018425

16777215

 11111196

 16768110

 9204224

 16775305

 7362816

 16777125

 5587456

 16777153

 3877888

 16777181

 2234368

 16777210

 0

 13018425

 13018425

 13017125

 13019725

13016081

13020769

13015040

13022068

13023368

13024412

13025712

13026756

13028055

13029355

# Harmonies

## Analogous

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



15700302



13018425



9614407

# Triad

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



13018425



49626



15173342

# Complementary

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



13018425



3758790

# 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.



11049983



13018425



48127

# Square

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



13018425



49829



2600703



16742828

# Rectangle

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



13018425



6732641



2600703



14060781



# Sweetspot

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



13018425



16773833



12990812



8419424



0



8421504



# Same Dimension

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



13018425



16763942



10733113



6512986



10714368



2366208



# Inverse Universe

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



3758790



2513407



6044102



5921891



9891



2084



# Previews

## White Background



This preview shows how the Decimal color 13018425 looks on a white background.

## Color Contrast Check

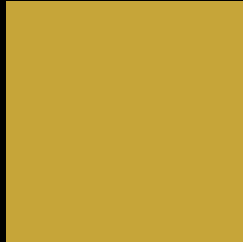
Large Text (above 18pt) WCAG AA × Fail

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 13018425 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 13018425 Background



This preview shows how black text looks on a background with the Decimal color 13018425.

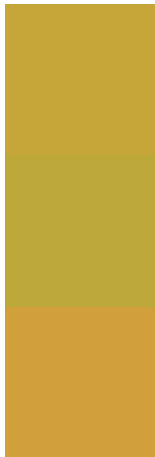


This preview shows how white text looks on a background with the Decimal color 13018425.

# 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**  
13018425

**Protanopia**  
12364090

**Deuteranopia**  
13803579



**Tritanopia**  
13540006

# Trichromacy



**Original Color**  
13018425

**Protanomaly**  
12625978

**Deuteranomaly**  
13541946

**Tritanomaly**  
13344382

# Monochromacy



**Original Color**  
13018425

**Achromatopsia**  
10724259

**Achromatomaly**  
11576444

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13018425 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 #C6A539 looks like.

```
.text, #text, p{  
  color:#C6A539  
}
```

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 #C6A539 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6A539
}
```

## Border

The CSS property to change the border of an element to Decimal 13018425 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
#C6A539 }
```

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

```
.border{ border-color:#C6A539 }
```

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

Here you see how a box with a 4 pixel #C6A539 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6A539; -webkit-box-shadow:4px 4px  
4px 4px #C6A539; box-shadow:4px 4px 4px  
4px #C6A539 }
```

# Background

The CSS property to change the background color of an element to Decimal 13018425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6A539 }
```

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

```
.background{ background-color:#C6A539 }
```

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