

# Converting Colors

Decimal(13020532)

Have a look what the booklet for  
Decimal(13020532) contains.

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# **Color**

**Decimal(13020532)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C6AD74
RGB	198, 173, 116
RGB Percent	78%, 68%, 45%
CMY	0.2235, 0.3216, 0.5451
CMYK	0.00, 0.13, 0.41, 0.22
HSL	42°, 42%, 62%
HSV	42°, 41%, 78%
XYZ	41.3847, 43.1539, 22.6713
YIQ	173.9770, 33.1970, -12.4270

# Conversions

## Conversions Part 2

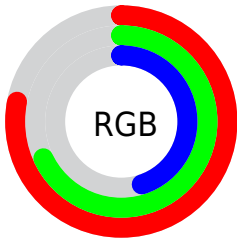
Format	Color
<a href="#">RYB</a>	<a href="#">152, 198, 116</a>
Decimal	<a href="#">13020532</a>
CIELab	<a href="#">71.66, 1.13, 32.60</a>
CIELCh	<a href="#">72, 32.615, 88.019</a>
Yxy	<a href="#">43.1539, 0.3860, 0.4025</a>
Android (android.graphics.Color)	<a href="#">4291210612 (0xFFC6AD74)</a>
YUV	<a href="#">173.9770, -28.5827, 21.0682</a>
Hunter-Lab	<a href="#">65.6916, -2.5081, 25.5221</a>

# Details

The Decimal color **13020532** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **7638470**, and the grayscale version is **11447982**.

A 20% lighter version of the original color is **16770217**, and **9402691** is the 20% darker color. If you saturate the color by 10%, you get **13018976**, and if you desaturate by 10%, it is **13022088**.

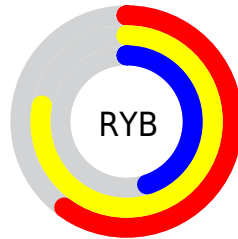
# Distribution



Red (78%)

Green (68%)

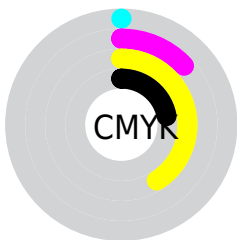
Blue (45%)



Red (60%)

Yellow (78%)

Blue (45%)

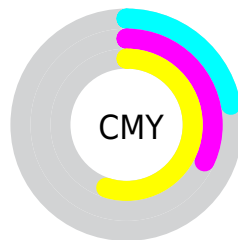


Cyan (0%)

Magenta (13%)

Yellow (41%)

Black (22%)



Cyan (22%)

Magenta (32%)
















Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13020532 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 13020532 by changing the saturation by 10% instead.



 13020532	 13020532
16777215	 11178587
 16770217	 9402691
 16777156	 7626795
 16777184	 5916948
16777213	 4272640
	 2694400
	 787712
	 0
 13020532	 13020532

13018976

13022088

13017420

13023644

13015865

13025199

13014309

13026755

13012753

13028311

13011456

13029867

13031423

13032959

13034495

# Harmonies

## Analogous

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



14590846



13020532



10991226

# Triad

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



13020532



5029834



13934544

# Complementary

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



13020532



7638470

# 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.



11643364



13020532



6011873

# Square

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



13020532



6471852



8762347



15178163

# Rectangle

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



13020532



9485191



8762347



13279960

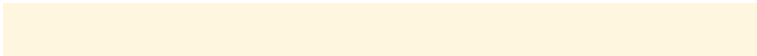


# Sweetspot

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



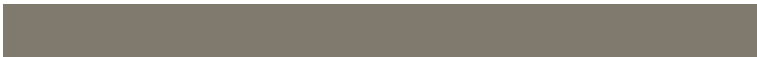
13020532



16774880



13005966



8419950



0



8421504



# Same Dimension

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



13020532



16767104



12043892



6512730



10711296



2365696



# Inverse Universe

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



7638470



8431359



8615110



5922147



12963



2852



# Previews

## White Background



This preview shows how the Decimal color 13020532 looks on a white background.

## Color Contrast Check

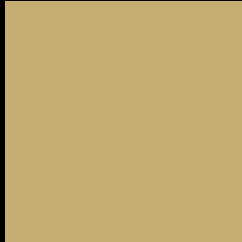
Large Text (above 18pt) WCAG AA × Fail

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 13020532 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

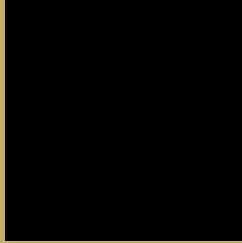
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 13020532 Background



This preview shows how black text looks on a background with the Decimal color 13020532.



This preview shows how white text looks on a background with the Decimal color 13020532.

# 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**  
13020532

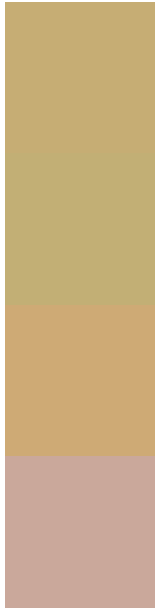
**Protanopia**  
12562549

**Deuteranopia**  
13871221



**Tritanopia**  
13411762

# Trichromacy



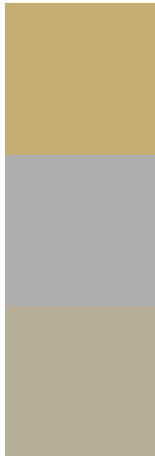
**Original Color**  
13020532

**Protanomaly**  
12758901

**Deuteranomaly**  
13544053

**Tritanomaly**  
13281435

# Monochromacy



**Original Color**  
13020532

**Achromatopsia**  
11447982

**Achromatomaly**  
12037785

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13020532 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 #C6AD74 looks like.

```
.text, #text, p{  
    color:#C6AD74  
}
```

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 #C6AD74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6AD74
}
```

## Border

The CSS property to change the border of an element to Decimal 13020532 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
#C6AD74 }
```

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

```
.border{ border-color:#C6AD74 }
```

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

Here you see how a box with a 4 pixel #C6AD74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6AD74; -webkit-box-shadow:4px 4px  
4px 4px #C6AD74; box-shadow:4px 4px 4px  
4px #C6AD74 }
```

# Background

The CSS property to change the background color of an element to Decimal 13020532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6AD74 }
```

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

```
.background{ background-color:#C6AD74 }
```

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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