

# Converting Colors

Decimal(12763047)

Have a look what the booklet for  
Decimal(12763047) contains.

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# **Color**

**Decimal(12763047)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C2BFA7
RGB	194, 191, 167
RGB Percent	76%, 75%, 65%
CMY	0.2392, 0.2510, 0.3451
CMYK	0.00, 0.02, 0.14, 0.24
HSL	53°, 18%, 71%
HSV	53°, 14%, 76%
XYZ	47.8540, 51.5210, 43.9816
YIQ	189.1610, 9.4920, -6.8280

# Conversions

## Conversions Part 2

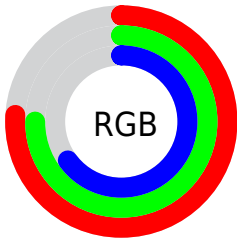
Format	Color
<a href="#">RYB</a>	<a href="#">170, 194, 167</a>
Decimal	<a href="#">12763047</a>
CIELab	<a href="#">76.99, -3.07, 12.49</a>
CIELCh	<a href="#">77, 12.862, 103.791</a>
Yxy	<a href="#">51.5210, 0.3338, 0.3594</a>
Android (android.graphics.Color)	<a href="#">4290953127</a> ( <a href="#">0xFFC2BFA7</a> )
YUV	<a href="#">189.1610, -10.9254, 4.2438</a>
Hunter-Lab	<a href="#">71.7781, -6.6069, 13.9151</a>

# Details

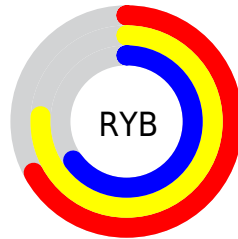
The Decimal color **12763047** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **10988226**, and the grayscale version is **12434877**.

A 20% lighter version of the original color is **16512990**, and **9210483** is the 20% darker color. If you saturate the color by 10%, you get **12762516**, and if you desaturate by 10%, it is **12763578**.

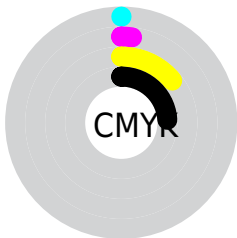
# Distribution



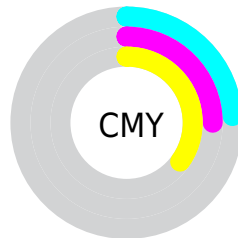
- Red (76%)
- Green (75%)
- Blue (65%)



- Red (67%)
- Yellow (76%)
- Blue (65%)



- Cyan (0%)
- Magenta (2%)
- Yellow (14%)
- Black (24%)



- Cyan (24%)
- Magenta (25%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12763047 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 12763047 by changing the saturation by 10% instead.





12763047



12763047

16777215



10986637



16512990



9210483



16777211



7565402



5920835



4342061



2894616



1644032



0



12763047



12763047

12762516

12763578

12761984

12764110

12761453

12764641

12760665

12765429

12760134

12765951

12759603

12766463

12759071

12766975

12758540

12767487

12758016

12767999

# Harmonies

## Analogous

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



13548456



12763047



11846317

# Triad

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



12763047



10601678



13809605

# Complementary

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



12763047



10988226

# 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.



13089231



12763047



11190741

# Square

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



12763047



10601923



12107221



14202553

# Rectangle

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



12763047



11322547



12107221



13613001

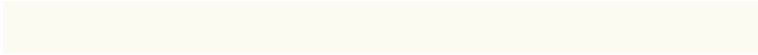


# Sweetspot

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



12763047



16579570



12756906



8421241



0



8421504



# Same Dimension

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



12763047



16578770



12108455



6381655



10587904



2170112



# Inverse Universe

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



10988226



13817596



11642818



5724257



4769



1057



# Previews

## White Background



This preview shows how the Decimal color 12763047 looks on a white background.

## Color Contrast Check

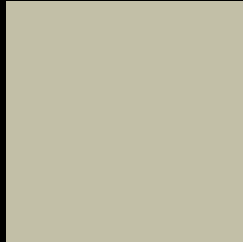
Large Text (above 18pt) WCAG AA × Fail

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 12763047 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

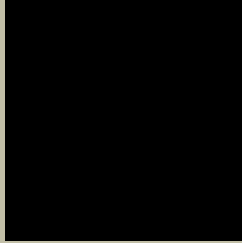
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

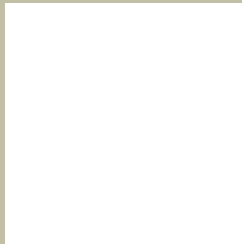
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 12763047 Background



This preview shows how black text looks on a background with the Decimal color 12763047.



This preview shows how white text looks on a background with the Decimal color 12763047.

# 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**  
12763047

**Protanopia**  
13090214

**Deuteranopia**  
14202793



**Tritanopia**  
13089481

# Trichromacy



**Original Color**  
12763047

**Protanomaly**  
12959398

**Deuteranomaly**  
13679272

**Tritanomaly**  
12958909

# Monochromacy



**Original Color**  
12763047

**Achromatopsia**  
12434877

**Achromatomaly**  
12566197

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12763047 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 #C2BFA7 looks like.

```
.text, #text, p{  
  color:#C2BFA7  
}
```

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 #C2BFA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2BFA7
}
```

## Border

The CSS property to change the border of an element to Decimal 12763047 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
#C2BFA7 }
```

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

```
.border{ border-color:#C2BFA7 }
```

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

Here you see how a box with a 4 pixel `#C2BFA7` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2BFA7; -webkit-box-shadow:4px 4px  
4px 4px #C2BFA7; box-shadow:4px 4px 4px  
4px #C2BFA7 }
```

# Background

The CSS property to change the background color of an element to Decimal 12763047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2BFA7 }
```

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

```
.background{ background-color:#C2BFA7 }
```

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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