

# Converting Colors

Decimal(12764010)

Have a look what the booklet for  
Decimal(12764010) contains.

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# **Color**

**Decimal(12764010)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C2C36A
RGB	194, 195, 106
RGB Percent	76%, 76%, 42%
CMY	0.2392, 0.2353, 0.5843
CMYK	0.01, 0.00, 0.46, 0.24
HSL	61°, 43%, 59%
HSV	61°, 46%, 76%
XYZ	44.3648, 51.5402, 21.2456
YIQ	184.5550, 27.9730, -27.8910

# Conversions

## Conversions Part 2

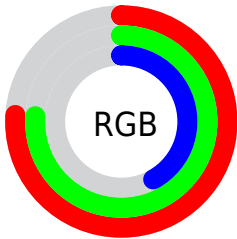
<b>Format</b>	<b>Color</b>
<b>RYB</b>	106, 195, 107
Decimal	12764010
CIELab	77.01, -13.03, 44.35
CIELCh	77, 46.225, 106.370
Yxy	51.5402, 0.3787, 0.4399
Android (android.graphics.Color)	4290954090 (0xFFC2C36A)
YUV	184.5550, -38.7276, 8.2833
Hunter-Lab	71.7915, -15.3280, 32.7080

# Details

The Decimal color **12764010** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **7039683**, and the grayscale version is **12171705**.

A 20% lighter version of the original color is **16579487**, and **9145911** is the 20% darker color. If you saturate the color by 10%, you get **12763991**, and if you desaturate by 10%, it is **12764030**.

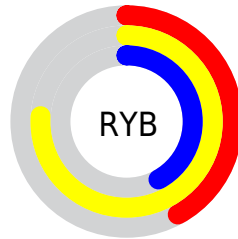
# Distribution



Red (76%)

Green (76%)

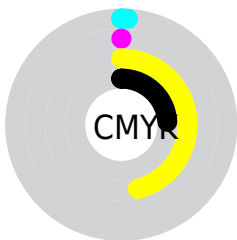
Blue (42%)



Red (42%)

Yellow (76%)

Blue (42%)

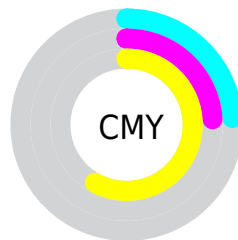


Cyan (1%)

Magenta (0%)

Yellow (46%)

Black (24%)



Cyan (24%)

Magenta (24%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12764010 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 12764010 by changing the saturation by 10% instead.



 12764010

 12764010

16777215

 10922064

 16579487

 9145911

 16777147

 7369758

 16777175

 5659648

 16777203

 4015104

 2371072

 334336

 0

 12764010

 12764010

 12763991

 12764030

 12763971

 12764049

 12698416

 12829605

 12698396

 12829624

 12698377

 12829644

 12698368

 12829663

 12895219

 12895231

# Harmonies

## Analogous

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



15381867



12764010



9620865

# Triad

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



12764010



53755



16752339

# Complementary

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



12764010



7039683

# 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.



14723834



12764010



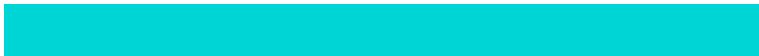
5359871

# Square

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



12764010



54741



10795775



16751784

# Rectangle

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



12764010



7131802



10795775



16490977

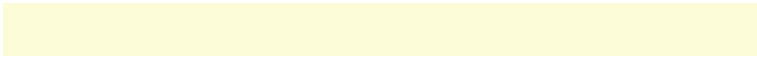


# Sweetspot

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



12764010



16579801



12806762



8355946



0



8421504



# Same Dimension

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



12764010



16514162



9945962



6381911



10461440



2171136



# Inverse Universe

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



7039683



7566076



9923267



5724001



131233



33



# Previews

## White Background



This preview shows how the Decimal color 12764010 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 12764010 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

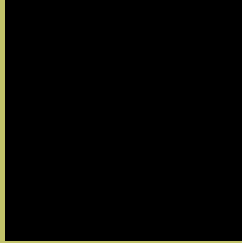
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 12764010 Background



This preview shows how black text looks on a background with the Decimal color 12764010.



This preview shows how white text looks on a background with the Decimal color 12764010.

# 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**  
12764010

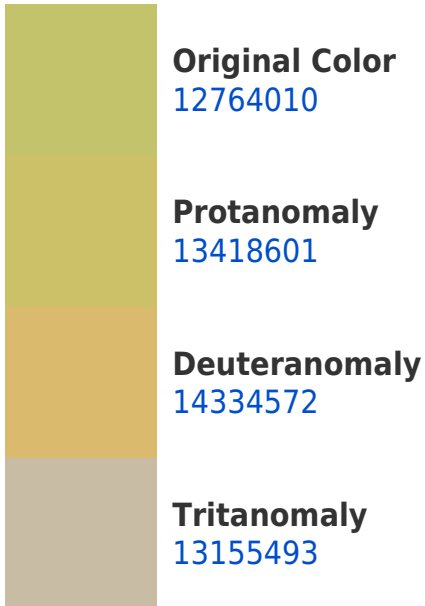
**Protanopia**  
13745768

**Deuteranopia**  
15185261



**Tritanopia**  
13416647

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12764010 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 #C2C36A looks like.

```
.text, #text, p{  
    color:#C2C36A  
}
```

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 #C2C36A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2C36A
}
```

## Border

The CSS property to change the border of an element to Decimal 12764010 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
#C2C36A }
```

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

```
.border{ border-color:#C2C36A }
```

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

Here you see how a box with a 4 pixel #C2C36A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2C36A; -webkit-box-shadow:4px 4px  
4px 4px #C2C36A; box-shadow:4px 4px 4px  
4px #C2C36A }
```

# Background

The CSS property to change the background color of an element to Decimal 12764010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2C36A }
```

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

```
.background{ background-color:#C2C36A }
```

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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