

# Converting Colors

Decimal(12704024)

Have a look what the booklet for  
Decimal(12704024) contains.

<b>Decimal(12704024)</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(12704024)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C1D918
RGB	193, 217, 24
RGB Percent	76%, 85%, 9%
CMY	0.2431, 0.1490, 0.9059
CMYK	0.11, 0.00, 0.89, 0.15
HSL	67°, 80%, 47%
HSV	67°, 89%, 85%
XYZ	46.9700, 61.0291, 10.1684
YIQ	187.8220, 47.6490, -65.1110

# Conversions

## Conversions Part 2

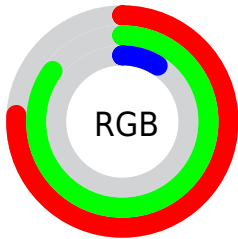
Format	Color
R <sub>Y</sub> B	24, 217, 48
Decimal	12704024
CIE Lab	82.39, -28.81, 78.91
CIE LCh	82, 84.002, 110.058
Yxy	61.0291, 0.3975, 0.5165
Android (android.graphics.Color)	4290894104 (0xFFC1D918)
YUV	187.8220, -80.7642, 4.5411
Hunter-Lab	78.1211, -29.3895, 46.9675

# Details

The Decimal color **12704024** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed yellow. A complement of this color would be **3152089**, and the grayscale version is **12434877**.

A 20% lighter version of the original color is **16645982**, and **8888832** is the 20% darker color. If you saturate the color by 10%, you get **12507394**, and if you desaturate by 10%, it is **12900654**.

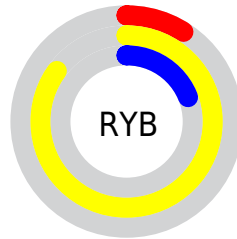
# Distribution



Red (76%)

Green (85%)

Blue (9%)



Red (9%)

Yellow (85%)

Blue (19%)

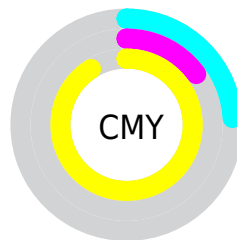


Cyan (11%)

Magenta (0%)

Yellow (89%)

Black (15%)



Cyan (24%)

Magenta (15%)



















Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12704024 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 12704024 by changing the saturation by 10% instead.



 12704024	 12704024
 16777215	 10796288
 16645982	 8888832
 16777084	 6981632
 16777113	 5140224
 16777142	 3298816
 16777171	 1326848
 16777201	 10240
	 3840
	 0

■ 12704024

■ 12704024

■ 12507394

■ 12900654

■ 12507392

■ 13031747

■ 13228377

■ 13425007

■ 13556100

■ 13752730

■ 13949360

■ 14145990

■ 14277083

# Harmonies

## Analogous

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



16760849



12704024



6023264

# Triad

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



12704024



60927



16744939

# Complementary

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



12704024



3152089

# 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.



16752639



12704024



57087

# Square

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



12704024



62207



9946111



16745116

# Rectangle

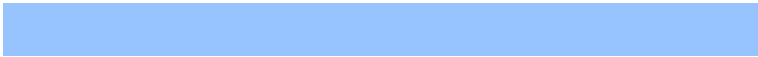
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



12704024



61076



9946111



16747007

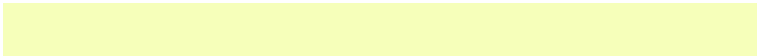


# Sweetspot

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



12704024



16187322



14233368



8028247



0



8421504



# Same Dimension

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



12704024



14679808



6478104



7106147



10005760



2633216



# Inverse Universe

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



3152089



2097407



9378009



6579054



1441965



393262



# Previews

## White Background



This preview shows how the Decimal color 12704024 looks on a white background.

## Color Contrast Check

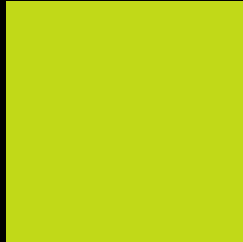
Large Text (above 18pt) WCAG AA × Fail

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 12704024 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 12704024 Background



This preview shows how black text looks on a background with the Decimal color 12704024.



This preview shows how white text looks on a background with the Decimal color 12704024.

# 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**  
12704024

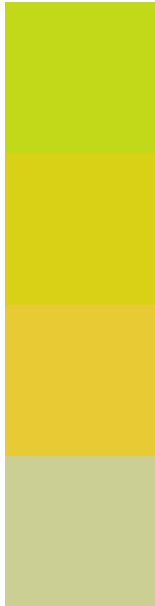
**Protanopia**  
15191315

**Deuteranopia**  
16761668



**Tritanopia**  
13748954

# Trichromacy



**Original Color**  
12704024

**Protanomaly**  
14274837

**Deuteranomaly**  
15256372

**Tritanomaly**  
13356947

# Monochromacy



**Original Color**  
12704024

**Achromatopsia**  
12369084

**Achromatomaly**  
12502912

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12704024 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 #C1D918 looks like.

```
.text, #text, p{  
  color:#C1D918  
}
```

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 #C1D918 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1D918
}
```

## Border

The CSS property to change the border of an element to Decimal 12704024 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
#C1D918 }
```

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

```
.border{ border-color:#C1D918 }
```

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

Here you see how a box with a 4 pixel #C1D918 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1D918; -webkit-box-shadow:4px 4px  
4px 4px #C1D918; box-shadow:4px 4px 4px  
4px #C1D918 }
```

# Background

The CSS property to change the background color of an element to Decimal 12704024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1D918 }
```

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

```
.background{ background-color:#C1D918 }
```

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