

# Converting Colors

Decimal(10794269)

Have a look what the booklet for  
Decimal(10794269) contains.

<b>Decimal(10794269)</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(10794269)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A4B51D
RGB	164, 181, 29
RGB Percent	64%, 71%, 11%
CMY	0.3569, 0.2902, 0.8863
CMYK	0.09, 0.00, 0.84, 0.29
HSL	67°, 72%, 41%
HSV	67°, 84%, 71%
XYZ	32.0555, 41.0290, 7.3923
YIQ	158.5890, 38.6600, -50.8760

# Conversions

## Conversions Part 2

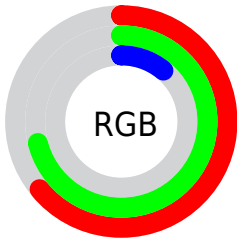
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	29, 181, 46
Decimal	10794269
CIE Lab	70.20, -23.50, 67.02
CIE LCh	70, 71.024, 109.321
Yxy	41.0290, 0.3983, 0.5098
Android (android.graphics.Color)	4288984349 (0xFFA4B51D)
YUV	158.5890, -63.8874, 4.7454
Hunter-Lab	64.0539, -22.7647, 37.9952

# Details

The Decimal color **10794269** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **3022261**, and the grayscale version is **10461087**.

A 20% lighter version of the original color is **14609754**, and **7110656** is the 20% darker color. If you saturate the color by 10%, you get **10663179**, and if you desaturate by 10%, it is **10925359**.

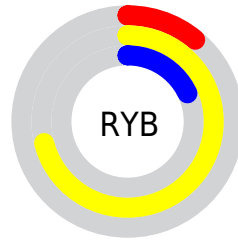
# Distribution



Red (64%)

Green (71%)

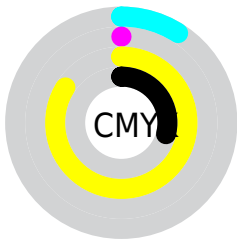
Blue (11%)



Red (11%)

Yellow (71%)

Blue (18%)

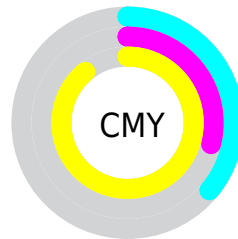


Cyan (9%)

Magenta (0%)

Yellow (84%)

Black (29%)



Cyan (36%)

Magenta (29%)

Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 10794269 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 10794269 by changing the saturation by 10% instead.





10794269



10794269

16777215



8952320



14609754



7110656



16580470



5334784



16777106



3559168



16777134



1718272



16777163



8960



16777192



256



0



10794269



10794269

■ 10663179

■ 10925359

■ 10597632

■ 11056449

■ 11187539

■ 11318629

■ 11449719

■ 11580810

■ 11711900

■ 11842990

■ 11974080

# Harmonies

## Analogous

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



14655515



10794269



5489234

# Triad

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



10794269



50943



16740294

# Complementary

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



10794269



3022261

# 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.



14846207



10794269



47871

# Square

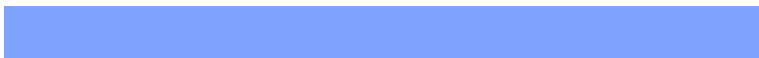
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



10794269



51924



8299775



16740229

# Rectangle

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



10794269



51067



8299775



16742107



# Sweetspot

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



10794269



15002544



11873309



7435602



16119285



7697781



# Same Dimension

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



10794269



13691648



5944605



5790032



8952064



1513984



# Inverse Universe

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



3022261



1704171



7871925



5328985



1114265



196634



# Previews

## White Background



This preview shows how the Decimal color 10794269 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 10794269 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 10794269 Background



This preview shows how black text looks on a background with the Decimal color 10794269.



This preview shows how white text looks on a background with the Decimal color 10794269.

# 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





**Tritanopia**  
11643062

# Trichromacy



**Original Color**  
10794269

**Protanomaly**  
11972379

**Deuteranomaly**  
12954149

**Tritanomaly**  
11316606

# Monochromacy



**Original Color**  
10794269

**Achromatopsia**  
10461087

**Achromatomaly**  
10594160

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 10794269 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 #A4B51D looks like.

```
.text, #text, p{  
    color:#A4B51D  
}
```

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 #A4B51D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A4B51D
}
```

## Border

The CSS property to change the border of an element to Decimal 10794269 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
#A4B51D }
```

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

```
.border{ border-color:#A4B51D }
```

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

Here you see how a box with a 4 pixel #A4B51D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A4B51D; -webkit-box-shadow:4px 4px  
4px 4px #A4B51D; box-shadow:4px 4px 4px  
4px #A4B51D }
```

# Background

The CSS property to change the background color of an element to Decimal 10794269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A4B51D }
```

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

```
.background{ background-color:#A4B51D }
```

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