

Converting Colors

Decimal(12966476)

Have a look what the booklet for
Decimal(12966476) contains.

Decimal(12966476)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(12966476)

Conversions

Conversions Part 1

Format	Color
Hex	C5DA4C
RGB	197, 218, 76
RGB Percent	77%, 85%, 30%
CMY	0.2275, 0.1451, 0.7020
CMYK	0.10, 0.00, 0.65, 0.15
HSL	69°, 66%, 58%
HSV	69°, 65%, 85%
XYZ	49.4019, 62.5349, 16.3042
YIQ	195.5330, 33.0660, -48.6140

Conversions

Conversions Part 2

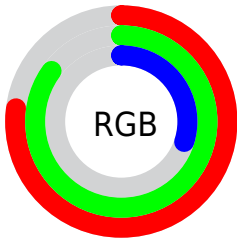
Format	Color
RYB	76, 218, 97
Decimal	12966476
CIELab	83.20, -25.56, 64.82
CIElCh	83, 69.683, 111.521
Yxy	62.5349, 0.3852, 0.4876
Android (android.graphics.Color)	4291156556 (0xFFC5DA4C)
YUV	195.5330, -58.9298, 1.2866
Hunter-Lab	79.0790, -26.8766, 43.1312

Details

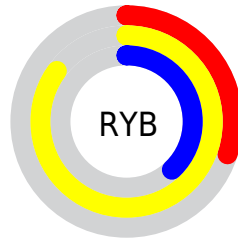
The Decimal color **12966476** is a light color, and the websafe version is hex **C3C333**. The color can be described as light muted yellow. A complement of this color would be **6376666**, and the grayscale version is **12895428**.

A 20% lighter version of the original color is **16777091**, and **9216773** is the 20% darker color. If you saturate the color by 10%, you get **12769846**, and if you desaturate by 10%, it is **13163106**.

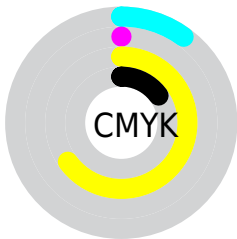
Distribution



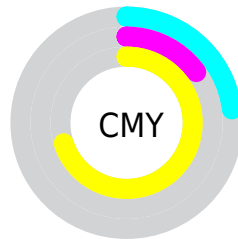
- Red (77%)
- Green (85%)
- Blue (30%)



- Red (30%)
- Yellow (85%)
- Blue (38%)



- Cyan (10%)
- Magenta (0%)
- Yellow (65%)
- Black (15%)

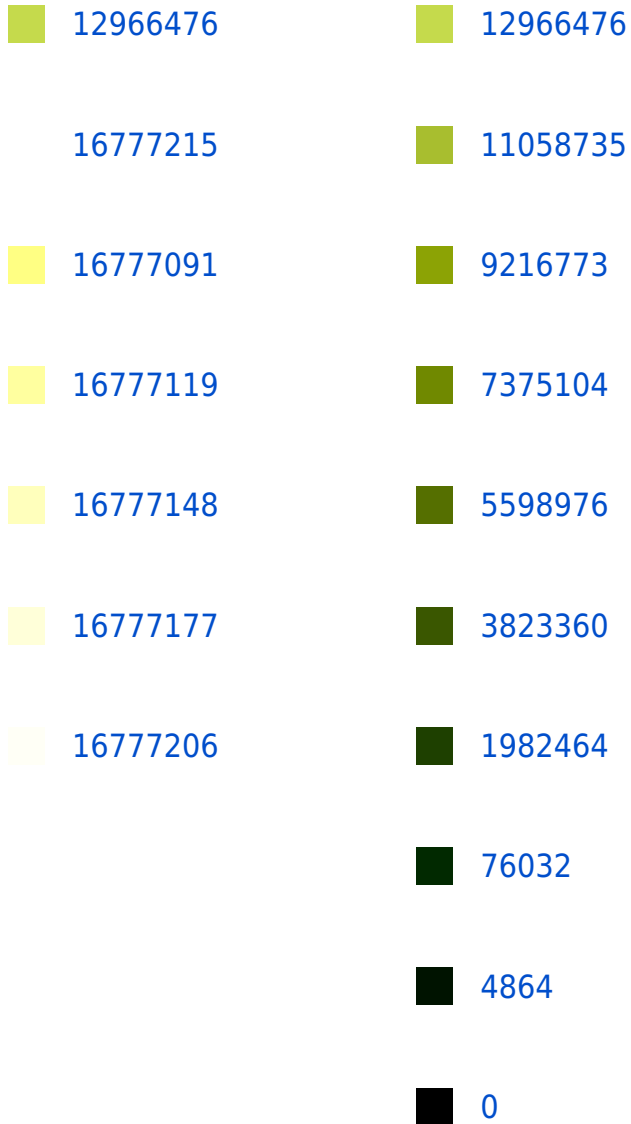


- Cyan (23%)
- Magenta (15%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12966476 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 12966476 by changing the saturation by 10% instead.



■ 12966476

■ 12966476

■ 12769846

■ 13163106

■ 12573216

■ 13359736

■ 12311051

■ 13621901

■ 12245504

■ 13818531

■ 14015161

■ 14211791

■ 14473957

■ 14670586

■ 14867199

Harmonies

Analogous

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



16762182



12966476



7726970

Triad

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



12966476



60159



16750309

Complementary

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



12966476



6376666

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.



16755455



12966476



56575

Square

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



12966476



61437



11650815



16750499

Rectangle

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



12966476



60835



11650815



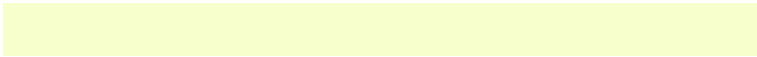
16751610

Sweetspot

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



12966476



16252876



14311244



8093793



0



8421504

Same Dimension

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



12966476



14876472



8444492



7106147



9743616



2567680

Inverse Universe

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



6376666



5650687



10898650



6579054



1704109



458798

Previews

White Background



This preview shows how the Decimal color 12966476 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 12966476 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 12966476 Background



This preview shows how black text looks on a background with the Decimal color 12966476.

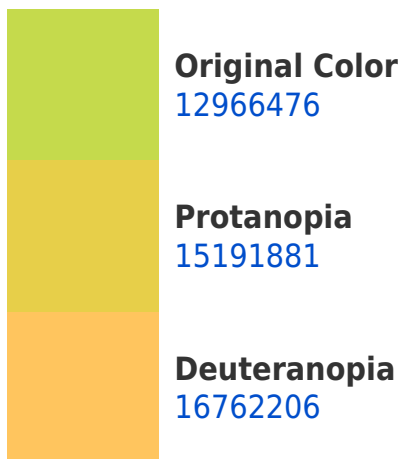


This preview shows how white text looks on a background with the Decimal color 12966476.

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
13946076

Trichromacy



Original Color
12966476

Protanomaly
14406474

Deuteranomaly
15387991

Tritanomaly
13619624

Monochromacy



Original Color
12966476

Achromatopsia
12895428

Achromatomaly
12897432

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12966476 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 #C5DA4C looks like.

```
.text, #text, p{  
    color:#C5DA4C  
}
```

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 #C5DA4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5DA4C
}
```

Border

The CSS property to change the border of an element to Decimal 12966476 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
#C5DA4C }
```

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

```
.border{ border-color:#C5DA4C }
```

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

Here you see how a box with a 4 pixel #C5DA4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5DA4C; -webkit-box-shadow:4px 4px  
4px 4px #C5DA4C; box-shadow:4px 4px 4px  
4px #C5DA4C }
```

Background

The CSS property to change the background color of an element to Decimal 12966476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5DA4C }
```

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

```
.background{ background-color:#C5DA4C }
```

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