

Converting Colors

Decimal(12763755)

Have a look what the booklet for
Decimal(12763755) contains.

Decimal(12763755)	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(12763755)

Conversions

Conversions Part 1

Format	Color
Hex	C2C26B
RGB	194, 194, 107
RGB Percent	76%, 76%, 42%
CMY	0.2392, 0.2392, 0.5804
CMYK	0.00, 0.00, 0.45, 0.24
HSL	60°, 42%, 59%
HSV	60°, 45%, 76%
XYZ	44.1938, 51.1144, 21.4467
YIQ	184.0820, 27.9270, -27.0570

Conversions

Conversions Part 2

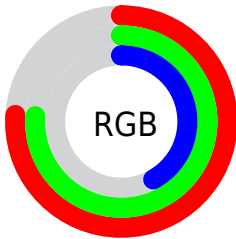
Format	Color
RYB	107, 194, 107
Decimal	12763755
CIELab	76.75, -12.42, 43.54
CIELCh	77, 45.280, 105.920
Yxy	51.1144, 0.3785, 0.4378
Android (android.graphics.Color)	4290953835 (0xFFC2C26B)
YUV	184.0820, -38.0014, 8.6981
Hunter-Lab	71.4944, -14.7766, 32.2604

Details

The Decimal color **12763755** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **7039938**, and the grayscale version is **12105912**.

A 20% lighter version of the original color is **16579232**, and **9145657** is the 20% darker color. If you saturate the color by 10%, you get **12763736**, and if you desaturate by 10%, it is **12763774**.

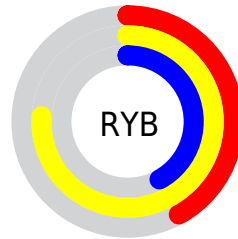
Distribution



Red (76%)

Green (76%)

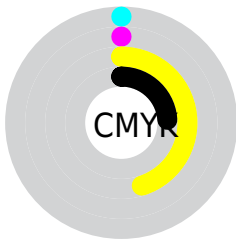
Blue (42%)



Red (42%)

Yellow (76%)

Blue (42%)

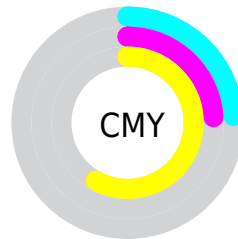


Cyan (0%)

Magenta (0%)

Yellow (45%)

Black (24%)



Cyan (24%)


















Magenta (24%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12763755 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 12763755 by changing the saturation by 10% instead.

 12763755	 12763755
 16777215	 10921810
 16579232	 9145657
 16777148	 7369503
 16777176	 5659393
 16777204	 4014848
	 2370816
	 399872
	 0
 12763755	 12763755

12763736

12763774

12763716

12763794

12763697

12763813

12763677

12763833

12763658

12763852

12763648

12763871

12763891

12763903

Harmonies

Analogous

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



15316076



12763755



9686145

Triad

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



12763755



53496



16752339

Complementary

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



12763755



7039938

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.



14592760



12763755



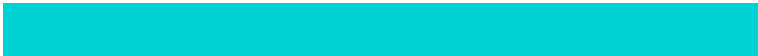
5490687

Square

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



12763755



54227



10730239



16752041

Rectangle

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



12763755



7262618



10730239



16359904

Sweetspot

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



12763755



16579804



12741483



8421483



0



8421504

Same Dimension

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



12763755



16579700



9945707



6381911



10592512



2171136

Inverse Universe

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



7039938



7632124



9923522



5724001



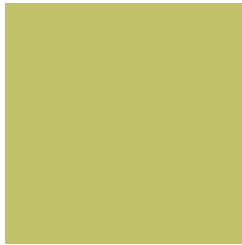
161



33

Previews

White Background



This preview shows how the Decimal color 12763755 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 12763755 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

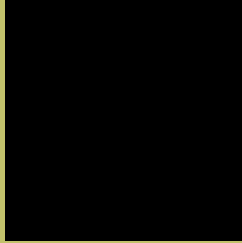
Any Text WCAG AA ✓ Pass

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 12763755 Background



This preview shows how black text looks on a background with the Decimal color 12763755.

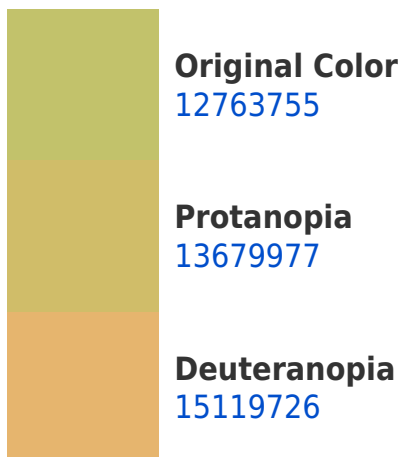



This preview shows how white text looks on a background with the Decimal color 12763755.

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](#).

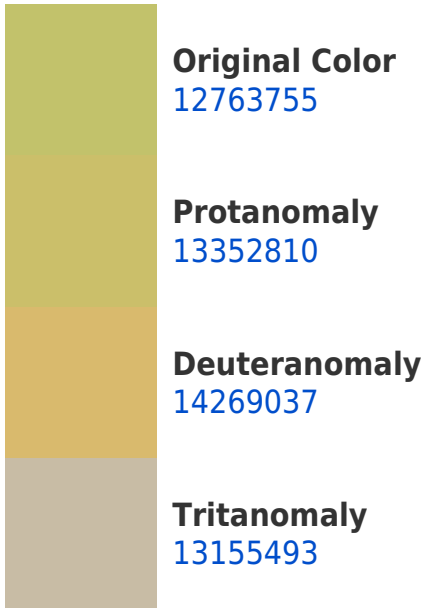
Dichromacy





Tritanopia
13416646

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 12763755 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 #C2C26B looks like.

```
.text, #text, p{  
    color:#C2C26B  
}
```

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 #C2C26B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2C26B
}
```

Border

The CSS property to change the border of an element to Decimal 12763755 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
#C2C26B }
```

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

```
.border{ border-color:#C2C26B }
```

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

Here you see how a box with a 4 pixel #C2C26B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2C26B; -webkit-box-shadow:4px 4px  
4px 4px #C2C26B; box-shadow:4px 4px 4px  
4px #C2C26B }
```

Background

The CSS property to change the background color of an element to Decimal 12763755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2C26B }
```

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

```
.background{ background-color:#C2C26B }
```

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