

# Converting Colors

Decimal(12826160)

Have a look what the booklet for  
Decimal(12826160) contains.

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# **Color**

**Decimal(12826160)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C3B630
RGB	195, 182, 48
RGB Percent	76%, 71%, 19%
CMY	0.2353, 0.2863, 0.8118
CMYK	0.00, 0.07, 0.75, 0.24
HSL	55°, 60%, 48%
HSV	55°, 75%, 76%
XYZ	39.7671, 45.2714, 9.4386
YIQ	170.6110, 50.7620, -38.9180

# Conversions

## Conversions Part 2

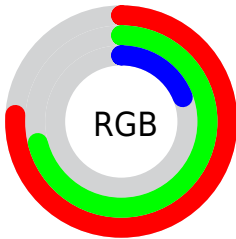
Format	Color
<a href="#">RYB</a>	62, 195, 48
Decimal	12826160
CIELab	73.07, -9.96, 65.06
CIElCh	73, 65.813, 98.702
Yxy	45.2714, 0.4209, 0.4792
Android (android.graphics.Color)	4291016240 (0xFFC3B630)
YUV	170.6110, -60.4472, 21.3892
Hunter-Lab	67.2840, -12.2475, 38.7816

# Details

The Decimal color **12826160** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle muted orange. A complement of this color would be **3161539**, and the grayscale version is **11250603**.

A 20% lighter version of the original color is **16772712**, and **9011456** is the 20% darker color. If you saturate the color by 10%, you get **12825628**, and if you desaturate by 10%, it is **12826691**.

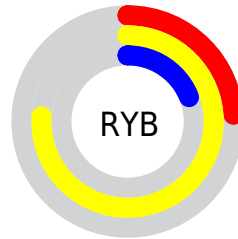
# Distribution



Red (76%)

Green (71%)

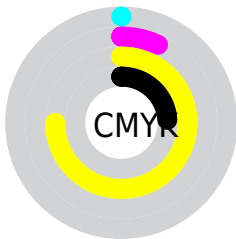
Blue (19%)



Red (24%)

Yellow (76%)

Blue (19%)

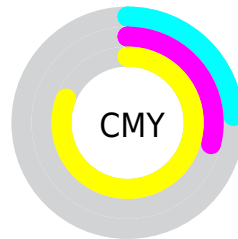


Cyan (0%)

Magenta (7%)

Yellow (75%)

Black (24%)



Cyan (24%)

Magenta (29%)



















Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12826160 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 12826160 by changing the saturation by 10% instead.



 12826160	 12826160
16777215	 10918665
 16772712	 9011456
 16777092	 7235840
 16777120	 5394688
 16777148	 3684864
 16777177	 2041088
 16777206	 4352
	 0
 12826160	 12826160

■ 12825628

■ 12826691

■ 12825353

■ 12826967

■ 12825088

■ 12827499

■ 12828030

■ 12828562

■ 12828837

■ 12829368

■ 12829900

■ 12830431

# Harmonies

## Analogous

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



16162879



12826160



8570191

# Triad

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



12826160



52989



16745697

# Complementary

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



12826160



3161539

# 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.



13475071



12826160



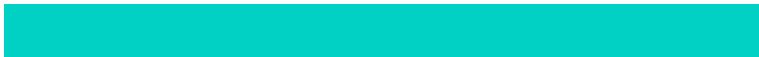
50687

# Square

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



12826160



53700



5879039



16743332

# Rectangle

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



12826160



4442994



5879039



16419827



# Sweetspot

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



12826160



16578498



12791871



8420444



0



8421504



# Same Dimension

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



12826160



16574489



8962864



6381655



10588672



2170368



# Inverse Universe

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



3161539



1650172



7024835



5724257



3745



801



# Previews

## White Background



This preview shows how the Decimal color 12826160 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 12826160 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 12826160 Background



This preview shows how black text looks on a background with the Decimal color 12826160.



This preview shows how white text looks on a background with the Decimal color 12826160.

# 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**  
12826160

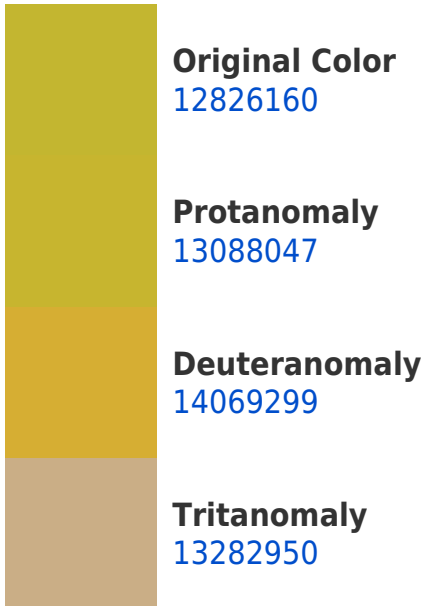
**Protanopia**  
13218863

**Deuteranopia**  
14789173

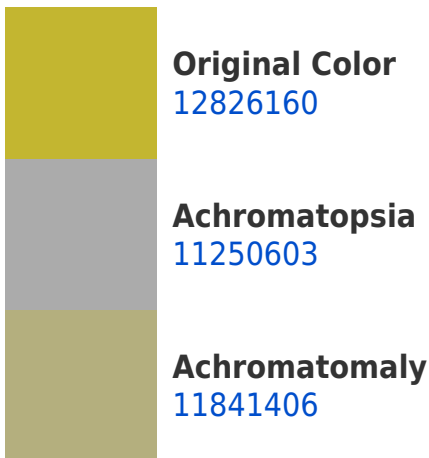


**Tritanopia**  
13544119

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12826160 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 #C3B630 looks like.

```
.text, #text, p{  
    color:#C3B630  
}
```

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 #C3B630 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3B630
}
```

## Border

The CSS property to change the border of an element to Decimal 12826160 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
#C3B630 }
```

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

```
.border{ border-color:#C3B630 }
```

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

Here you see how a box with a 4 pixel #C3B630 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3B630; -webkit-box-shadow:4px 4px  
4px 4px #C3B630; box-shadow:4px 4px 4px  
4px #C3B630 }
```

# Background

The CSS property to change the background color of an element to Decimal 12826160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3B630 }
```

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

```
.background{ background-color:#C3B630 }
```

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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