

# Converting Colors

Decimal(13027893)

Have a look what the booklet for  
Decimal(13027893) contains.

<b>Decimal(13027893)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Decimal(13027893)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C6CA35
RGB	198, 202, 53
RGB Percent	78%, 79%, 21%
CMY	0.2235, 0.2078, 0.7922
CMYK	0.02, 0.00, 0.74, 0.21
HSL	62°, 58%, 50%
HSV	62°, 74%, 79%
XYZ	45.0518, 54.5039, 11.5140
YIQ	183.8180, 45.4450, -47.1870

# Conversions

## Conversions Part 2

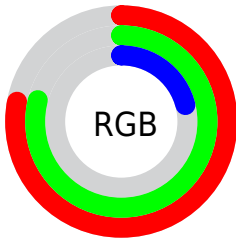
Format	Color
<a href="#">RYB</a>	<a href="#">53, 202, 57</a>
Decimal	<a href="#">13027893</a>
CIELab	<a href="#">78.75, -18.58, 68.79</a>
CIELCh	<a href="#">79, 71.257, 105.112</a>
Yxy	<a href="#">54.5039, 0.4056, 0.4907</a>
Android (android.graphics.Color)	<a href="#">4291217973</a> ( <a href="#">0xFFC6CA35</a> )
YUV	<a href="#">183.8180, -64.4933, 12.4376</a>
Hunter-Lab	<a href="#">73.8267, -20.2694, 42.4319</a>

# Details

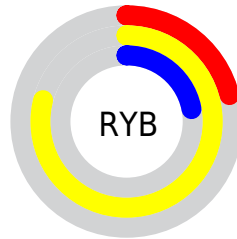
The Decimal color **13027893** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **3749322**, and the grayscale version is **12105912**.

A 20% lighter version of the original color is **16777071**, and **9212928** is the 20% darker color. If you saturate the color by 10%, you get **12962337**, and if you desaturate by 10%, it is **13093449**.

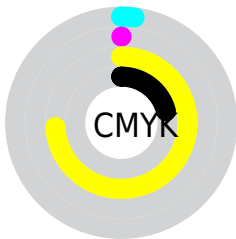
# Distribution



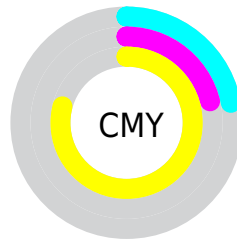
- Red (78%)
- Green (79%)
- Blue (21%)



- Red (21%)
- Yellow (79%)
- Blue (22%)



- Cyan (2%)
- Magenta (0%)
- Yellow (74%)
- Black (21%)




















- Cyan (22%)
- Magenta (21%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13027893 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 13027893 by changing the saturation by 10% instead.



 13027893	 13027893
16777215	 11120399
 16777071	 9212928
 16777098	 7371520
 16777127	 5595648
 16777155	 3820032
 16777184	 2110464
16777214	 73472
	 0
 13027893	 13027893

■ 12962337

■ 13093449

■ 12962317

■ 13093469

■ 12962304

■ 13159026

■ 13159046

■ 13224602

■ 13224622

■ 13290178

■ 13290199

■ 13355755

# Harmonies

## Analogous

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



16757819



13027893



8051040

# Triad

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



13027893



57343



16747239

# Complementary

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



13027893



3749322

# 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.



15836159



13027893



54527

# Square

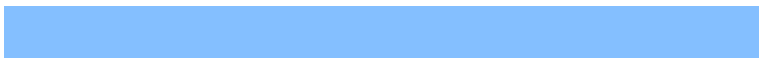
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



13027893



58339



8699903



16746148

# Rectangle

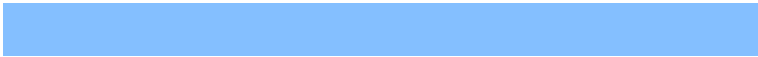
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



13027893



581512



8699903



16749052



# Sweetspot

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



13027893



16646087



13252405



8355934



0



8421504



# Same Dimension

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



13027893



16383772



8243765



6710876



10593792



2434560



# Inverse Universe

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



3749322



2235647



8533450



6052966



262310



65574



# Previews

## White Background



This preview shows how the Decimal color 13027893 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 13027893 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 13027893 Background



This preview shows how black text looks on a background with the Decimal color 13027893.



This preview shows how white text looks on a background with the Decimal color 13027893.

# 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**  
13027893

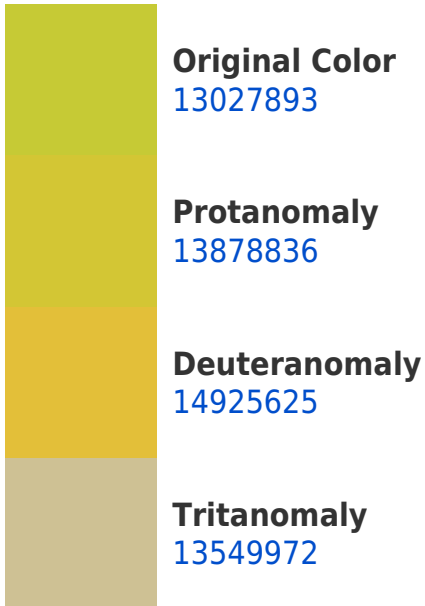
**Protanopia**  
14402355

**Deuteranopia**  
16038204



**Tritanopia**  
13876427

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13027893 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 #C6CA35 looks like.

```
.text, #text, p{  
    color:#C6CA35  
}
```

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 #C6CA35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6CA35
}
```

## Border

The CSS property to change the border of an element to Decimal 13027893 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
#C6CA35 }
```

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

```
.border{ border-color:#C6CA35 }
```

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

Here you see how a box with a 4 pixel #C6CA35 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6CA35; -webkit-box-shadow:4px 4px  
4px 4px #C6CA35; box-shadow:4px 4px 4px  
4px #C6CA35 }
```

# Background

The CSS property to change the background color of an element to Decimal 13027893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6CA35 }
```

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

```
.background{ background-color:#C6CA35 }
```

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