

# Converting Colors

Decimal(12962648)

Have a look what the booklet for  
Decimal(12962648) contains.

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**Color**

**Decimal(12962648)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C5CB58
RGB	197, 203, 88
RGB Percent	77%, 80%, 35%
CMY	0.2275, 0.2039, 0.6549
CMYK	0.03, 0.00, 0.57, 0.20
HSL	63°, 53%, 57%
HSV	63°, 57%, 80%
XYZ	46.1433, 55.2868, 17.4719
YIQ	188.0960, 33.3390, -37.0370

# Conversions

## Conversions Part 2

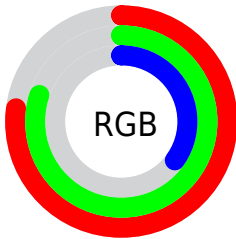
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	88, 203, 94
Decimal	12962648
CIE <sub>Lab</sub>	79.21, -17.40, 55.47
CIE <sub>LCh</sub>	79, 58.132, 107.417
Yxy	55.2868, 0.3881, 0.4650
Android (android.graphics.Color)	4291152728 (0xFFC5CB58)
YUV	188.0960, -49.3473, 7.8088
Hunter-Lab	74.3551, -19.3477, 38.1166

# Details

The Decimal color **12962648** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **6183115**, and the grayscale version is **12434877**.

A 20% lighter version of the original color is **16777102**, and **9278753** is the 20% darker color. If you saturate the color by 10%, you get **12897092**, and if you desaturate by 10%, it is **13028204**.

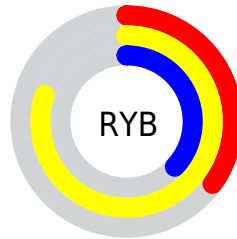
# Distribution



Red (77%)

Green (80%)

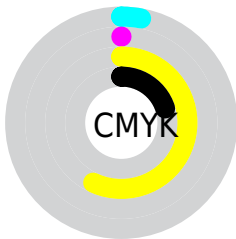
Blue (35%)



Red (35%)

Yellow (80%)

Blue (37%)

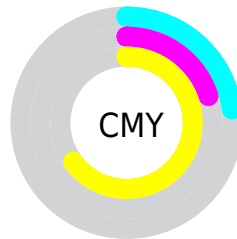


Cyan (3%)

Magenta (0%)

Yellow (57%)

Black (20%)



Cyan (23%)

Magenta (20%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12962648 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 12962648 by changing the saturation by 10% instead.



 12962648

 12962648

16777215

 11120701

 16777102

 9278753

 16777129

 7437056

 16777157

 5726976

 16777186

 4016896

 2307072

 401152

 0

 12962648

 12962648

■ 12897092

■ 13028204

■ 12831535

■ 13093761

■ 12765979

■ 13159317

■ 12700423

■ 13224873

■ 12634880

■ 13290430

■ 13355986

■ 13421542

■ 13487098

■ 13618175

# Harmonies

## Analogous

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



16234840



12962648



8902520

# Triad

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



12962648



56319



16751069

# Complementary

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



12962648



6183115

# 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.



15772159



12962648



53759

# Square

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



12962648



57315



10665983



16750503

# Rectangle

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



12962648



5102745



10665983



16752111



# Sweetspot

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



12962648



16646100



13327960



8290406



0



8421504



# Same Dimension

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



12962648



16187218



9227096



6645340



10331648



2369024



# Inverse Universe

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



6183115



5985023



9918667



6052966



589990



131110



# Previews

## White Background



This preview shows how the Decimal color 12962648 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 12962648 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

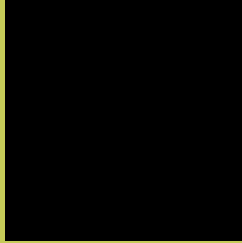
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 12962648 Background



This preview shows how black text looks on a background with the Decimal color 12962648.



This preview shows how white text looks on a background with the Decimal color 12962648.

# 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**  
13746126

# Trichromacy



**Original Color**  
12962648

**Protanomaly**  
13813591

**Deuteranomaly**  
14860635

**Tritanomaly**  
13484963

# Monochromacy



**Original Color**  
12962648

**Achromatopsia**  
12369084

**Achromatomaly**  
12566936

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12962648 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 #C5CB58 looks like.

```
.text, #text, p{  
    color:#C5CB58  
}
```

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 #C5CB58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5CB58  
}
```

## Border

The CSS property to change the border of an element to Decimal 12962648 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  
#C5CB58 }
```

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

```
.border{ border-color:#C5CB58 }
```

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

Here you see how a box with a 4 pixel #C5CB58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5CB58; -webkit-box-shadow:4px 4px  
4px 4px #C5CB58; box-shadow:4px 4px 4px  
4px #C5CB58 }
```

# Background

The CSS property to change the background color of an element to Decimal 12962648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5CB58 }
```

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

```
.background{ background-color:#C5CB58 }
```

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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