

# Converting Colors

Decimal(13022620)

Have a look what the booklet for  
Decimal(13022620) contains.

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# **Color**

**Decimal(13022620)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | C6B59C                     |
| RGB           | 198, 181, 156              |
| RGB Percent   | 78%, 71%, 61%              |
| CMY           | 0.2235, 0.2902, 0.3882     |
| CMYK          | 0.00, 0.09, 0.21, 0.22     |
| HSL           | 36°, 27%, 69%              |
| HSV           | 36°, 21%, 78%              |
| XYZ           | 45.8133, 47.4538, 38.1974  |
| YIQ           | 183.2330, 18.1570, -4.1710 |

# Conversions

## Conversions Part 2

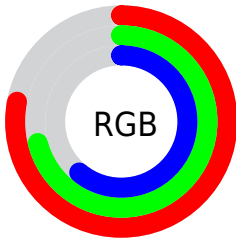
| Format                              | Color   |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">185, 198, 156</a>                   |
| Decimal                             | <a href="#">13022620</a>                        |
| CIELab                              | <a href="#">74.48, 2.04, 14.94</a>              |
| CIELCh                              | <a href="#">74, 15.082, 82.244</a>              |
| Yxy                                 | <a href="#">47.4538, 0.3485,<br/>0.3610</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4291212700<br/>(0xFFC6B59C)</a>     |
| YUV                                 | <a href="#">183.2330, -13.4259,<br/>12.9507</a> |
| Hunter-Lab                          | <a href="#">68.8867, -1.8398,<br/>15.3447</a>   |

# Details

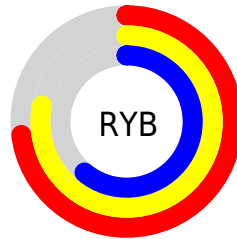
The Decimal color **13022620** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **10268102**, and the grayscale version is **12040119**.

A 20% lighter version of the original color is **16772563**, and **9470057** is the 20% darker color. If you saturate the color by 10%, you get **13020552**, and if you desaturate by 10%, it is **13024688**.

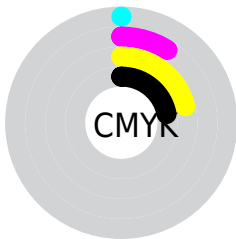
# Distribution



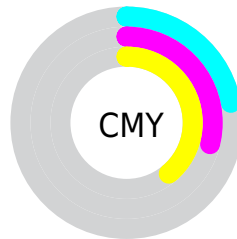
- Red (78%)
- Green (71%)
- Blue (61%)



- Red (73%)
- Yellow (78%)
- Blue (61%)



- Cyan (0%)
- Magenta (9%)
- Yellow (21%)
- Black (22%)



- Cyan (22%)
- Magenta (29%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13022620 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 13022620 by changing the saturation by 10% instead.



 13022620

 13022620

16777215

 11246210

 16772563

 9470057

 16777199

 7759697

 6115129

 4536356

 3023631

 1576448

 0

 13022620

 13022620

 13020552

 13024688

 13018484

 13026756

 13016417

 13028823

 13014349

 13030891

 13012281

 13032959

 13010213

 13035007

 13008145

 13037055

 13006336

 13039103

 13041151

# Harmonies

## Analogous

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



13742498



13022620



12040861

# Triad

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



13022620



9682881



13021640

# Complementary

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



13022620



10268102

# 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.



11908561



13022620



9944525

# Square

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



13022620



10141619



10795730



13741755

# Rectangle

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



13022620



11320482



10795730



12694220

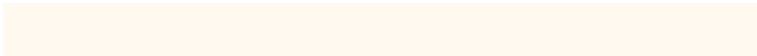


# Sweetspot

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



13022620



16775664



13016238



8420471



0



8421504



# Same Dimension

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



13022620



16770495



12830364



6512474



10707200



2364672



# Inverse Universe

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



10268102



12573183



10525894



5922403



17059



3620



# Previews

## White Background



This preview shows how the Decimal color 13022620 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 13022620 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

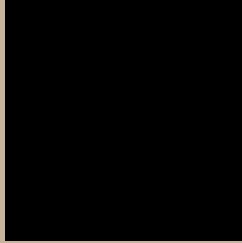
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

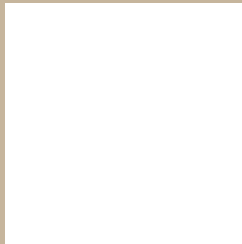
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 13022620 Background



This preview shows how black text looks on a background with the Decimal color 13022620.



This preview shows how white text looks on a background with the Decimal color 13022620.

# 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**  
13022620

**Protanopia**  
12695453

**Deuteranopia**  
13807773



**Tritanopia**  
13283518

# Trichromacy



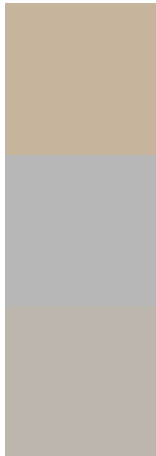
**Original Color**  
13022620

**Protanomaly**  
12826269

**Deuteranomaly**  
13546141

**Tritanomaly**  
13218482

# Monochromacy



**Original Color**  
13022620

**Achromatopsia**  
12040119

**Achromatomaly**  
12367533

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13022620 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 #C6B59C looks like.

```
.text, #text, p{  
    color:#C6B59C  
}
```

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 #C6B59C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6B59C  
}
```

## Border

The CSS property to change the border of an element to Decimal 13022620 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  
#C6B59C }
```

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

```
.border{ border-color:#C6B59C }
```

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

Here you see how a box with a 4 pixel #C6B59C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6B59C; -webkit-box-shadow:4px 4px  
4px 4px #C6B59C; box-shadow:4px 4px 4px  
4px #C6B59C }
```

# Background

The CSS property to change the background color of an element to Decimal 13022620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6B59C }
```

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

```
.background{ background-color:#C6B59C }
```

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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