

Converting Colors

Decimal(13003896)

Have a look what the booklet for
Decimal(13003896) contains.

Decimal(13003896)	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(13003896)

Conversions

Conversions Part 1

Format	Color
Hex	C66C78
RGB	198, 108, 120
RGB Percent	78%, 42%, 47%
CMY	0.2235, 0.5765, 0.5294
CMYK	0.00, 0.45, 0.39, 0.22
HSL	352°, 44%, 60%
HSV	352°, 45%, 78%
XYZ	32.0414, 24.0870, 20.7298
YIQ	136.2780, 49.7880, 22.8120

Conversions

Conversions Part 2

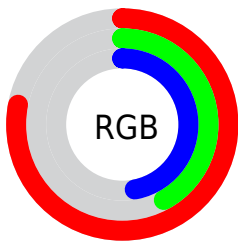
Format	Color
R_{YB}	198, 108, 120
Decimal	13003896
CIE _{Lab}	56.17, 36.89, 9.38
CIE _{LCh}	56, 38.062, 14.272
Yxy	24.0870, 0.4169, 0.3134
Android (android.graphics.Color)	4291193976 (0xFFC66C78)
YUV	136.2780, -8.0251, 54.1302
Hunter-Lab	49.0785, 30.6484, 9.3120

Details

The Decimal color **13003896** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **7128762**, and the grayscale version is **8947848**.

A 20% lighter version of the original color is **16753068**, and **9255240** is the 20% darker color. If you saturate the color by 10%, you get **12998759**, and if you desaturate by 10%, it is **13009033**.

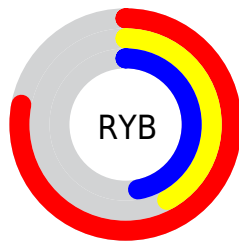
Distribution



Red (78%)

Green (42%)

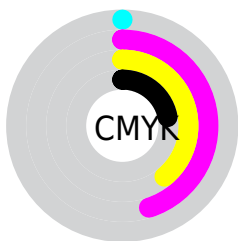
Blue (47%)



Red (78%)

Yellow (42%)

Blue (47%)

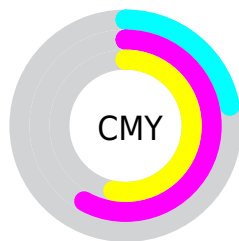


Cyan (0%)

Magenta (45%)

Yellow (39%)

Black (22%)



Cyan (22%)

Magenta (58%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13003896 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 13003896 by changing the saturation by 10% instead.

 13003896

 13003896

16777215

 11096671

 16753068

 9255240

 16760263

 7413809

 16767459

 5636637

 16774911

 3997698

 2228225

 0

 13003896

 13003896

 12998759

 13009033

 12993622

 13014170

 12988741

 13019051

 12983603

 13024189

 12978466

 13029326

 12976154

 13034463

 13039600

 13041663

Harmonies

Analogous

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



12283545



13003896



12546906

Triad

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



13003896



6787670



2330566

Complementary

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



13003896



7128762

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.



38580



13003896



3643252

Square

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



13003896



9210437



39062



7243207

Rectangle

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



13003896



11696971



39062



37570

Sweetspot

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



13003896



16767968



12217542



8415853



0



8421504

Same Dimension

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



13003896



16741253



13012332



6511195



10682390



2359301

Inverse Universe

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



13003896



16741253



7120326



6511195



10682390



2359301

Previews

White Background



This preview shows how the Decimal color 13003896 looks on a white background.

Color Contrast Check

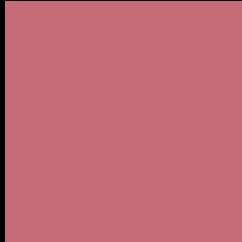
Large Text (above 18pt) WCAG AA ✓ Pass

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 13003896 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 × Fail

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

Decimal 13003896 Background



This preview shows how black text looks on a background with the Decimal color 13003896.




This preview shows how white text looks on a background with the Decimal color 13003896.

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
13004148

Trichromacy



Original Color
13003896

Protanomaly
10517889

Deuteranomaly
11238005

Tritanomaly
13004149

Monochromacy



Original Color
13003896

Achromatopsia
8947848

Achromatomaly
10452610

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13003896 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 #C66C78 looks like.

```
.text, #text, p{  
    color:#C66C78  
}
```

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 #C66C78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C66C78
}
```

Border

The CSS property to change the border of an element to Decimal 13003896 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
#C66C78 }
```

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

```
.border{ border-color:#C66C78 }
```

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

Here you see how a box with a 4 pixel #C66C78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C66C78; -webkit-box-shadow:4px 4px  
4px 4px #C66C78; box-shadow:4px 4px 4px  
4px #C66C78 }
```

Background

The CSS property to change the background color of an element to Decimal 13003896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C66C78 }
```

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

```
.background{ background-color:#C66C78 }
```

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