

Converting Colors

Decimal(13086592)

Have a look what the booklet for
Decimal(13086592) contains.

Decimal(13086592)	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(13086592)

Conversions

Conversions Part 1

Format	Color
Hex	C7AF80
RGB	199, 175, 128
RGB Percent	78%, 69%, 50%
CMY	0.2196, 0.3137, 0.4980
CMYK	0.00, 0.12, 0.36, 0.22
HSL	40°, 39%, 64%
HSV	40°, 36%, 78%
XYZ	42.7794, 44.3606, 26.7298
YIQ	176.8180, 29.3910, -9.5290

Conversions

Conversions Part 2

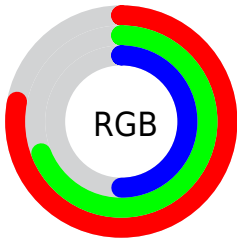
Format	Color
RYB	164, 199, 128
Decimal	13086592
CIELab	72.47, 1.85, 27.30
CIELCh	72, 27.365, 86.127
Yxy	44.3606, 0.3757, 0.3896
Android (android.graphics.Color)	4291276672 (0xFFC7AF80)
YUV	176.8180, -24.0673, 19.4536
Hunter-Lab	66.6037, -1.9063, 22.8280

Details

The Decimal color **13086592** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **8427719**, and the grayscale version is **11645361**.

A 20% lighter version of the original color is **16770741**, and **9468750** is the 20% darker color. If you saturate the color by 10%, you get **13084780**, and if you desaturate by 10%, it is **13088404**.

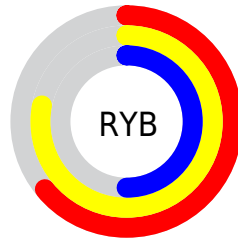
Distribution



Red (78%)

Green (69%)

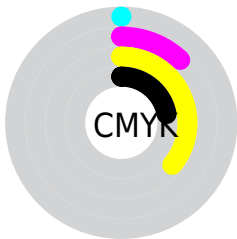
Blue (50%)



Red (64%)

Yellow (78%)

Blue (50%)

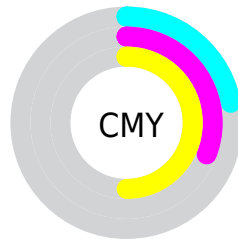


Cyan (0%)

Magenta (12%)

Yellow (36%)

Black (22%)



Cyan (22%)

Magenta (31%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13086592 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 13086592 by changing the saturation by 10% instead.

 13086592

 13086592

16777215

 11244647

 16770741

 9468750

 16777169


 7692855

 16777197

 6048288

 4404234

 2891520

 1115904

 0

 13086592

 13086592

■ 13084780

■ 13088404

■ 13083224

■ 13089960

■ 13081412

■ 13091772

■ 13079600

■ 13093584

■ 13077788

■ 13095396

■ 13076233

■ 13096951

■ 13075456

■ 13098751

■ 13100543

■ 13102335

Harmonies

Analogous

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



14395273



13086592



11384708

Triad

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



13086592



6799303



13608142

Complementary

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



13086592



8427719

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.



11644127



13086592



7388378

Square

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



13086592



7717037



9352675



14786742

Rectangle

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



13086592



10140558



9352675



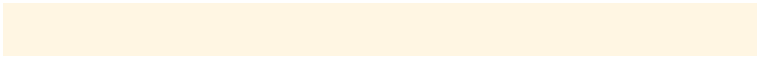
13019093

Sweetspot

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



13086592



16774883



13074585



8419951



0



8421504

Same Dimension

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



13086592



16767633



12371840



6512730



10710016



2365440

Inverse Universe

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



8427719



9549567



9142471



5922147



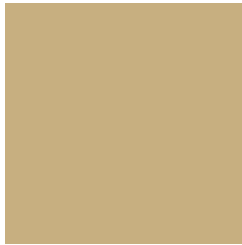
14243



3108

Previews

White Background



This preview shows how the Decimal color 13086592 looks on a white background.

Color Contrast Check

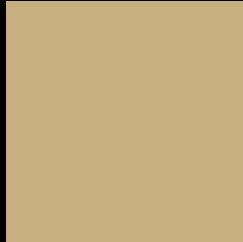
Large Text (above 18pt) WCAG AA × Fail

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 13086592 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 13086592 Background



This preview shows how black text looks on a background with the Decimal color 13086592.



This preview shows how white text looks on a background with the Decimal color 13086592.

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
13086592

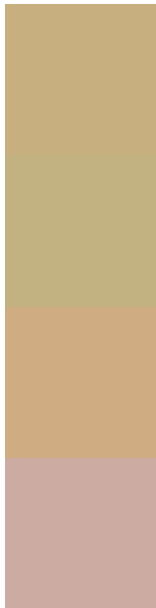
Protanopia
12563073

Deuteranopia
13871745



Tritanopia
13478069

Trichromacy



Original Color
13086592

Protanomaly
12759425

Deuteranomaly
13610113

Tritanomaly
13347746

Monochromacy



Original Color
13086592

Achromatopsia
11645361

Achromatomaly
12169375

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13086592 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 #C7AF80 looks like.

```
.text, #text, p{  
    color:#C7AF80  
}
```

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 #C7AF80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7AF80  
}
```

Border

The CSS property to change the border of an element to Decimal 13086592 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  
#C7AF80 }
```

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

```
.border{ border-color:#C7AF80 }
```

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

Here you see how a box with a 4 pixel #C7AF80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7AF80; -webkit-box-shadow:4px 4px  
4px 4px #C7AF80; box-shadow:4px 4px 4px  
4px #C7AF80 }
```

Background

The CSS property to change the background color of an element to Decimal 13086592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7AF80 }
```

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

```
.background{ background-color:#C7AF80 }
```

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