

Converting Colors

Decimal(13093605)

Have a look what the booklet for
Decimal(13093605) contains.

Decimal(13093605)	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(13093605)

Conversions

Conversions Part 1

Format	Color
Hex	C7CAE5
RGB	199, 202, 229
RGB Percent	78%, 79%, 90%
CMY	0.2196, 0.2078, 0.1020
CMYK	0.13, 0.12, 0.00, 0.10
HSL	234°, 37%, 84%
HSV	234°, 13%, 90%
XYZ	58.8166, 60.0403, 82.6177
YIQ	204.1810, -10.4550, 7.7610

Conversions

Conversions Part 2

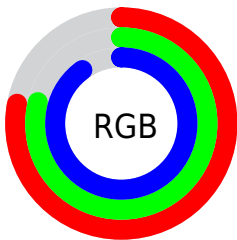
Format	Color
R _Y B	199, 202, 229
Decimal	13093605
CIE Lab	81.86, 4.27, -13.69
CIE LCh	82, 14.344, 287.313
Yxy	60.0403, 0.2919, 0.2980
Android (android.graphics.Color)	4291283685 (0xFFC7CAE5)
YUV	204.1810, 12.2358, -4.5437
Hunter-Lab	77.4857, -0.1071, -8.9769

Details

The Decimal color **13093605** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **15065799**, and the grayscale version is **13421772**.

A 20% lighter version of the original color is **16777215**, and **9540782** is the 20% darker color. If you saturate the color by 10%, you get **11580901**, and if you desaturate by 10%, it is **14606309**.

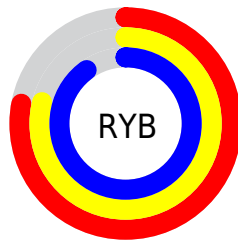
Distribution



Red (78%)

Green (79%)

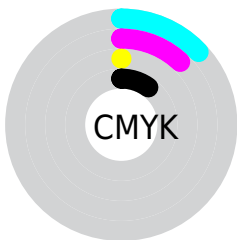
Blue (90%)



Red (78%)

Yellow (79%)

Blue (90%)

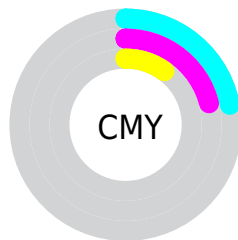


Cyan (13%)

Magenta (12%)

Yellow (0%)

Black (10%)



Cyan (22%)

Magenta (21%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13093605 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 13093605 by changing the saturation by 10% instead.

■ 13093605

■ 13093605

16777215

■ 11317193

■ 9540782

■ 7830163

■ 6185337

■ 4606560

■ 3093321

■ 1711666

■ 132381

■ 0

■ 13093605

■ 13093605

■ 11580901

■ 14606309

■ 10068453

■ 16118757

■ 8555749

■ 16777189

■ 7043301

■ 5530597

■ 4083429

■ 2570981

■ 1058277

■ 6117

Harmonies

Analogous

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



12046053



13093605



14141150

Triad

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



13093605



15123896



11654085

Complementary

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



13093605



15065799

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.



12571065



13093605



14469554

Square

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



13093605



15254468



13553074



11195347

Rectangle

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



13093605



14730454



13553074



11916225

Sweetspot

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



13093605



16119551



13100514



7961216



0



8421504

Same Dimension

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



13093605



14080767



13879269



6776947



4787



1331

Inverse Universe

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



15058890



16766682



14280135



7563112



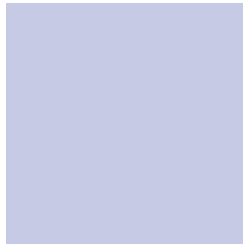
11730962



3342341

Previews

White Background



This preview shows how the Decimal color 13093605 looks on a white background.

Color Contrast Check

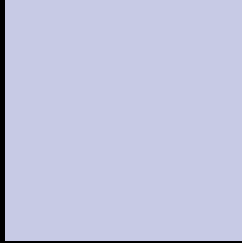
Large Text (above 18pt) WCAG AA × Fail

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 13093605 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

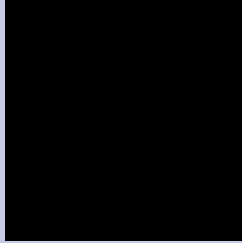
Any Text WCAG AA ✓ Pass

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 13093605 Background



This preview shows how black text looks on a background with the Decimal color 13093605.

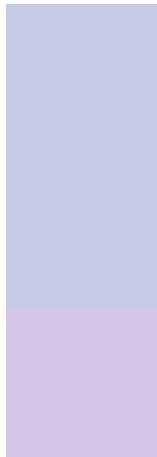


This preview shows how white text looks on a background with the Decimal color 13093605.

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](#).

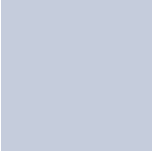
Dichromacy



Original Color
13093605

Protanopia
13093605

Deuteranopia
13879014



Tritanopia
12963036

Trichromacy



Original Color
13093605

Protanomaly
13093605

Deuteranomaly
13617126

Tritanomaly
13028319

Monochromacy



Original Color
13093605

Achromatopsia
13421772

Achromatomaly
13290453

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13093605 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 #C7CAE5 looks like.

```
.text, #text, p{  
    color:#C7CAE5  
}
```

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 #C7CAE5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7CAE5
}
```

Border

The CSS property to change the border of an element to Decimal 13093605 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
#C7CAE5 }
```

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

```
.border{ border-color:#C7CAE5 }
```

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

Here you see how a box with a 4 pixel #C7CAE5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7CAE5; -webkit-box-shadow:4px 4px  
4px 4px #C7CAE5; box-shadow:4px 4px 4px  
4px #C7CAE5 }
```

Background

The CSS property to change the background color of an element to Decimal 13093605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7CAE5 }
```

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

```
.background{ background-color:#C7CAE5 }
```

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