

Converting Colors

Decimal(13425393)

Have a look what the booklet for
Decimal(13425393) contains.

Decimal(13425393)	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(13425393)

Conversions

Conversions Part 1

Format	Color
Hex	CCDAF1
RGB	204, 218, 241
RGB Percent	80%, 85%, 95%
CMY	0.2000, 0.1451, 0.0549
CMYK	0.15, 0.10, 0.00, 0.05
HSL	217°, 57%, 87%
HSV	217°, 15%, 95%
XYZ	65.8504, 69.3311, 93.1306
YIQ	216.4360, -15.7270, 4.1850

Conversions

Conversions Part 2

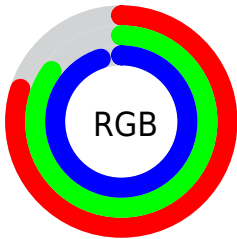
Format	Color
R_YB	204, 214, 241
Decimal	13425393
CIE _{Lab}	86.67, -0.10, -12.84
CIE _{LCh}	87, 12.836, 269.534
Yxy	69.3311, 0.2884, 0.3037
Android (android.graphics.Color)	4291615473 (0xFFCCDAF1)
YUV	216.4360, 12.1101, -10.9064
Hunter-Lab	83.2653, -4.5473, -8.0291

Details

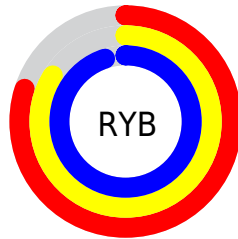
The Decimal color **13425393** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **15852492**, and the grayscale version is **14211288**.

A 20% lighter version of the original color is **16777215**, and **9872313** is the 20% darker color. If you saturate the color by 10%, you get **11848689**, and if you desaturate by 10%, it is **15002097**.

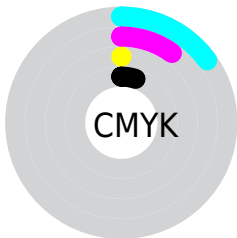
Distribution



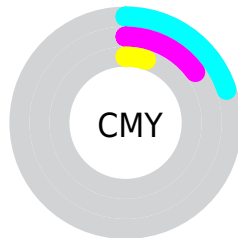
- Red (80%)
- Green (85%)
- Blue (95%)



- Red (80%)
- Yellow (84%)
- Blue (95%)



- Cyan (15%)
- Magenta (10%)
- Yellow (0%)
- Black (5%)



- Cyan (20%)
- Magenta (15%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13425393 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 13425393 by changing the saturation by 10% instead.

■ 13425393

16777215

■ 13425393

■ 11583189

■ 9872313

■ 8096158

■ 6451332

■ 4872043

■ 3358802

■ 1845819

■ 398886

■ 272

■ 13425393

■ 13425393

■ 11848689

■ 15002097

■ 10271985

■ 16578801

■ 8695281

■ 16777201

■ 7118577

■ 5541873

■ 3899633

■ 2322929

■ 746225

■ 23537

Harmonies

Analogous

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



12639981



13425393



14407406

Triad

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



13425393



15978957



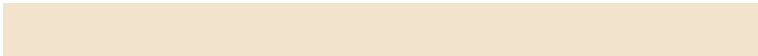
13164492

Complementary

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



13425393



15852492

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.



14081220



13425393



15652036

Square

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



13425393



15913434



14932161



12509400

Rectangle

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



13425393



15061993



14932161



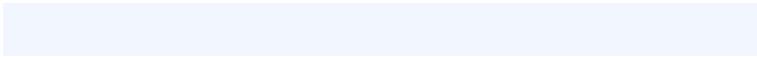
13426377

Sweetspot

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



13425393



15923199



13431267



7895936



0



8421504

Same Dimension

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



13425393



13755135



13683953



7106680



17848



5432

Inverse Universe

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



15846618



16765410



15593932



7892080



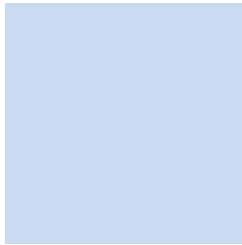
12058693



3670037

Previews

White Background



This preview shows how the Decimal color 13425393 looks on a white background.

Color Contrast Check

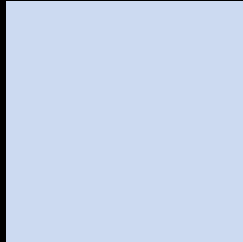
Large Text (above 18pt) WCAG AA × Fail

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 13425393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

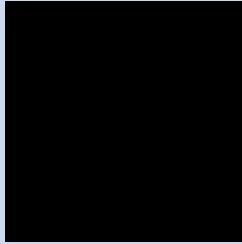
Any Text WCAG AA ✓ Pass

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 13425393 Background



This preview shows how black text looks on a background with the Decimal color 13425393.



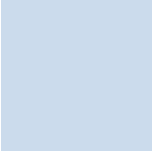
This preview shows how white text looks on a background with the Decimal color 13425393.

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
13360108

Trichromacy



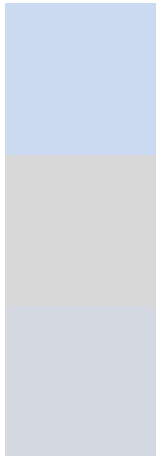
Original Color
13425393

Protanomaly
13818096

Deuteranomaly
14341874

Tritanomaly
13360110

Monochromacy



Original Color
13425393

Achromatopsia
14211288

Achromatomaly
13949409

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13425393 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 #CCDAF1 looks like.

```
.text, #text, p{  
    color:#CCDAF1  
}
```

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 #CCDAF1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCDAF1
}
```

Border

The CSS property to change the border of an element to Decimal 13425393 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
#CCDAF1 }
```

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

```
.border{ border-color:#CCDAF1 }
```

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

Here you see how a box with a 4 pixel #CCDAF1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCDAF1; -webkit-box-shadow:4px 4px  
4px 4px #CCDAF1; box-shadow:4px 4px 4px  
4px #CCDAF1 }
```

Background

The CSS property to change the background color of an element to Decimal 13425393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCDAF1 }
```

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

```
.background{ background-color:#CCDAF1 }
```

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