

Converting Colors

Decimal(12836095)

Have a look what the booklet for
Decimal(12836095) contains.

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Color

Decimal(12836095)

Conversions

Conversions Part 1

Format	Color
Hex	C3DCFF
RGB	195, 220, 255
RGB Percent	76%, 86%, 100%
CMY	0.2353, 0.1373, 0.0000
CMYK	0.24, 0.14, 0.00, 0.00
HSL	215°, 100%, 88%
HSV	215°, 24%, 100%
XYZ	66.1489, 70.0085, 104.6343
YIQ	216.5150, -26.1350, 5.5850

Conversions

Conversions Part 2

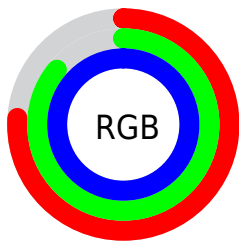
Format	Color
R _Y B	195, 213, 255
Decimal	12836095
CIE Lab	87.00, -0.87, -19.78
CIE LCh	87, 19.795, 267.470
Yxy	70.0085, 0.2747, 0.2907
Android (android.graphics.Color)	4291026175 (0xFFC3DCFF)
YUV	216.5150, 18.9731, -18.8687
Hunter-Lab	83.6711, -5.3055, -15.5750

Details

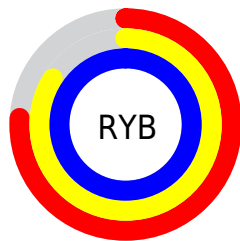
The Decimal color **12836095** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **16770755**, and the grayscale version is **14211288**.

A 20% lighter version of the original color is **16580607**, and **9217478** is the 20% darker color. If you saturate the color by 10%, you get **11193855**, and if you desaturate by 10%, it is **14478335**.

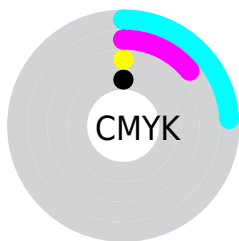
Distribution



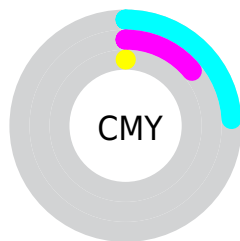
- Red (76%)
- Green (86%)
- Blue (100%)



- Red (76%)
- Yellow (84%)
- Blue (100%)



- Cyan (24%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (24%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12836095 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 12836095 by changing the saturation by 10% instead.



■ 12836095

■ 12836095

■ 11193855

■ 14478335

■ 9486079

■ 16186111

■ 7843839

16777215

■ 6136319

■ 4428543

■ 2786303

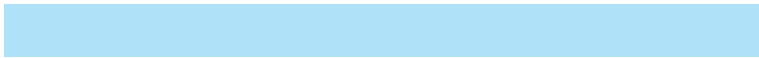
■ 1078527

■ 27391

Harmonies

Analogous

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



11526649



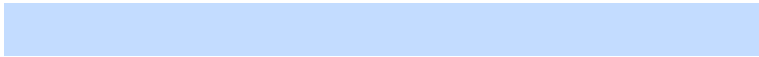
12836095



14407419

Triad

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



12836095



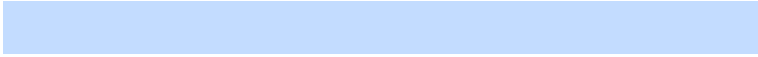
16764617



12706757

Complementary

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



12836095



16770755

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.



14081720



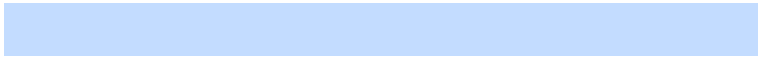
12836095



16437947

Square

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



12836095



16764380



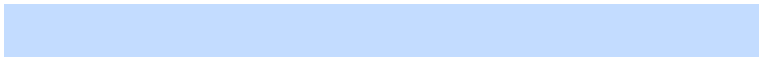
15390901



11527640

Rectangle

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



12836095



15454963



15390901



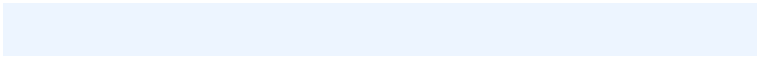
13099456

Sweetspot

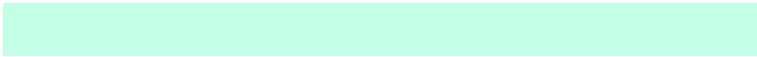
The Sweet Spot groups the original color and five complimentary colors.



12836095



15595007



12845030



7699072



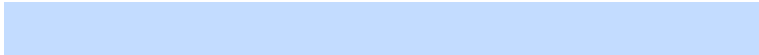
0



8421504

Same Dimension

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



12836095



12113407



13091839



7567488



20671



6976

Inverse Universe

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



16761820



16758997



16449475



8418168



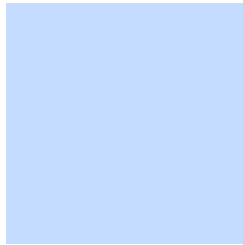
12517456



4194331

Previews

White Background



This preview shows how the Decimal color 12836095 looks on a white background.

Color Contrast Check

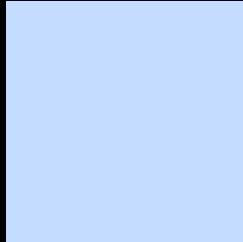
Large Text (above 18pt) WCAG AA × Fail

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 12836095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

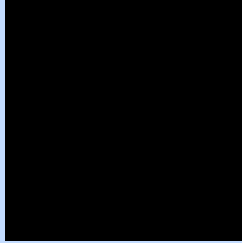
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

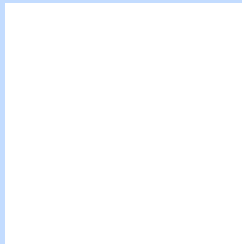
Any Text WCAG AAA ✓ Pass

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

Decimal 12836095 Background



This preview shows how black text looks on a background with the Decimal color 12836095.



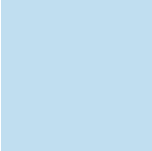
This preview shows how white text looks on a background with the Decimal color 12836095.

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



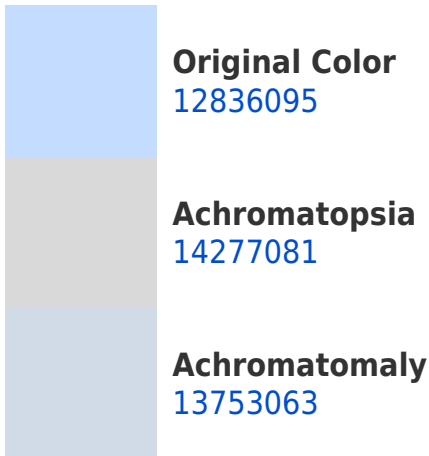


Tritanopia
12639984

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 12836095 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 #C3DCFF looks like.

```
.text, #text, p{  
    color:#C3DCFF  
}
```

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 #C3DCFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3DCFF
}
```

Border

The CSS property to change the border of an element to Decimal 12836095 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
#C3DCFF }
```

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

```
.border{ border-color:#C3DCFF }
```

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

Here you see how a box with a 4 pixel #C3DCFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3DCFF; -webkit-box-shadow:4px 4px  
4px 4px #C3DCFF; box-shadow:4px 4px 4px  
4px #C3DCFF }
```

Background

The CSS property to change the background color of an element to Decimal 12836095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3DCFF }
```

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

```
.background{ background-color:#C3DCFF }
```

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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