

# Converting Colors

Decimal(11586281)

Have a look what the booklet for  
Decimal(11586281) contains.

<b>Decimal(11586281)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(11586281)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B0CAE9
RGB	176, 202, 233
RGB Percent	69%, 79%, 91%
CMY	0.3098, 0.2078, 0.0863
CMYK	0.24, 0.13, 0.00, 0.09
HSL	213°, 56%, 80%
HSV	213°, 24%, 91%
XYZ	53.7330, 57.3544, 85.3293
YIQ	197.7600, -25.4470, 4.1290

# Conversions

## Conversions Part 2

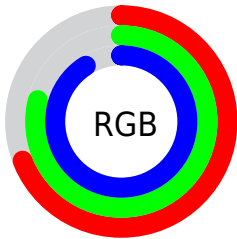
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	176, 194, 233
Decimal	11586281
CIE Lab	80.38, -1.99, -18.22
CIE LCh	80, 18.331, 263.760
Yxy	57.3544, 0.2736, 0.2920
Android (android.graphics.Color)	4289776361 (0xFFB0CAE9)
YUV	197.7600, 17.3733, -19.0835
Hunter-Lab	75.7327, -5.8848, -13.7902

# Details

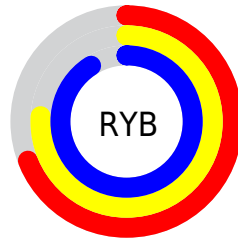
The Decimal color **11586281** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **15323056**, and the grayscale version is **13027014**.

A 20% lighter version of the original color is **15269887**, and **8033457** is the 20% darker color. If you saturate the color by 10%, you get **10075625**, and if you desaturate by 10%, it is **13096937**.

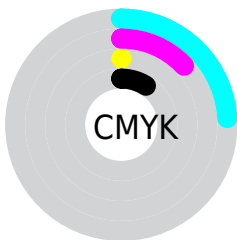
# Distribution



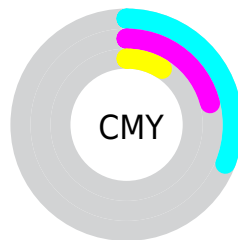
- Red (69%)
- Green (79%)
- Blue (91%)



- Red (69%)
- Yellow (76%)
- Blue (91%)



- Cyan (24%)
- Magenta (13%)
- Yellow (0%)
- Black (9%)



- Cyan (31%)
- Magenta (21%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11586281 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 11586281 by changing the saturation by 10% instead.





■ 11586281

■ 11586281

■ 10075625

■ 13096937

■ 8499689

■ 14672873

■ 6989033

■ 16183529

■ 5478377

■ 16776681

■ 3967977

■ 16777193

■ 2391785

■ 881129

■ 27369

# Harmonies

## Analogous

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



10473442



11586281



13026535

# Triad

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



11586281



15514810



11784115

# Complementary

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



11586281



15323056

# 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.



13028264



11586281



15122604

# Square

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



11586281



15252684



14271910



10670531

# Rectangle

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



11586281



13943264



14271910



12177070

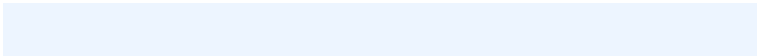


# Sweetspot

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



11586281



15595007



11594190



7699072



0



8421504

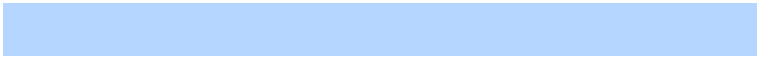


# Same Dimension

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



11586281



11917311



11710697



6975349



21429



6198



# Inverse Universe

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



15315146



16758231



15198640



7694959



11862099

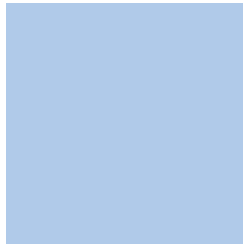


3538968



# Previews

## White Background



This preview shows how the Decimal color 11586281 looks on a white background.

## Color Contrast Check

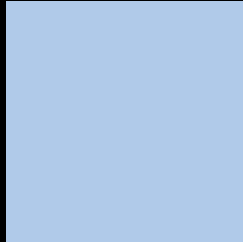
Large Text (above 18pt) WCAG AA × Fail

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 11586281 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

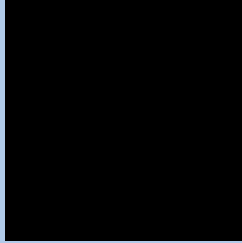
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

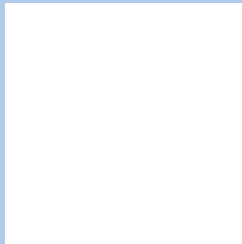
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 11586281 Background



This preview shows how black text looks on a background with the Decimal color 11586281.



This preview shows how white text looks on a background with the Decimal color 11586281.

# 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



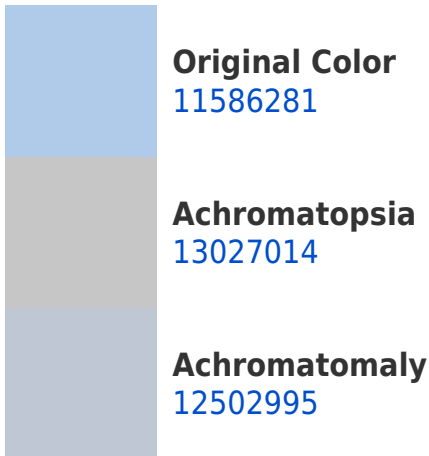


**Tritanopia**  
11390172

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11586281 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 #B0CAE9 looks like.

```
.text, #text, p{  
    color:#B0CAE9  
}
```

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 #B0CAE9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0CAE9
}
```

## Border

The CSS property to change the border of an element to Decimal 11586281 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
#B0CAE9 }
```

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

```
.border{ border-color:#B0CAE9 }
```

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

Here you see how a box with a 4 pixel #B0CAE9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0CAE9; -webkit-box-shadow:4px 4px  
4px 4px #B0CAE9; box-shadow:4px 4px 4px  
4px #B0CAE9 }
```

# Background

The CSS property to change the background color of an element to Decimal 11586281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0CAE9 }
```

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

```
.background{ background-color:#B0CAE9 }
```

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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