

# Converting Colors

Decimal(12965609)

Have a look what the booklet for  
Decimal(12965609) contains.

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# **Color**

**Decimal(12965609)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C5D6E9
RGB	197, 214, 233
RGB Percent	77%, 84%, 91%
CMY	0.2275, 0.1608, 0.0863
CMYK	0.15, 0.08, 0.00, 0.09
HSL	212°, 45%, 84%
HSV	212°, 15%, 91%
XYZ	61.7805, 65.8466, 86.5443
YIQ	211.0830, -16.2310, 2.3050

# Conversions

## Conversions Part 2

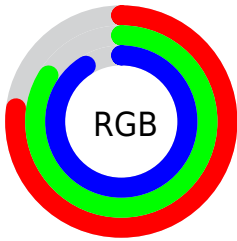
<b>Format</b>	<b>Color</b>
<b>RYB</b>	197, 209, 233
Decimal	12965609
CIELab	84.92, -1.87, -11.27
CIELCh	85, 11.421, 260.564
Yxy	65.8466, 0.2885, 0.3074
Android (android.graphics.Color)	4291155689 (0xFFC5D6E9)
YUV	211.0830, 10.8051, -12.3508
Hunter-Lab	81.1459, -6.1043, -6.4322

# Details

The Decimal color **12965609** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **15325381**, and the grayscale version is **13882323**.

A 20% lighter version of the original color is **16711679**, and **9412529** is the 20% darker color. If you saturate the color by 10%, you get **11455209**, and if you desaturate by 10%, it is **14476009**.

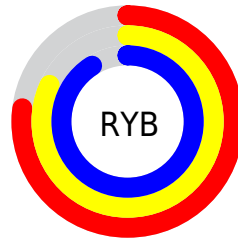
# Distribution



Red (77%)

Green (84%)

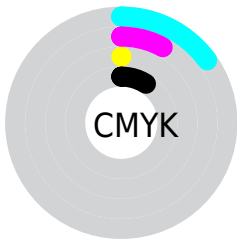
Blue (91%)



Red (77%)

Yellow (82%)

Blue (91%)

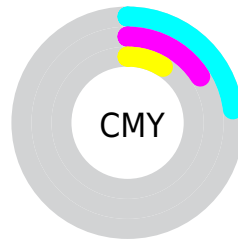


Cyan (15%)

Magenta (8%)

Yellow (0%)

Black (9%)



Cyan (23%)

Magenta (16%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12965609 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 12965609 by changing the saturation by 10% instead.



■ 12965609

■ 12965609

16777215

■ 11188941

16711679

■ 9412529

■ 7701911

■ 6057085

■ 4478052

■ 2964812

■ 1517365

■ 4640

■ 6

■ 12965609

■ 12965609

■ 11455209

■ 14476009

■ 9879017

■ 16052201

■ 8368617

■ 16776169

■ 6858217

■ 16777193

■ 5347817

■ 3771625

■ 2261225

■ 750825

■ 28393

# Harmonies

## Analogous

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



12376548



12965609



13816552

# Triad

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



12965609



15519181



13162950

# Complementary

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



12965609



15325381

# 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.



14014144



12965609



15323076

# Square

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



12965609



15257048



14799551



12507856

# Rectangle

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



12965609



14405860



14799551



13490371

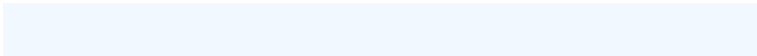


# Sweetspot

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



12965609



15923455



12970456



7895936



0



8421504

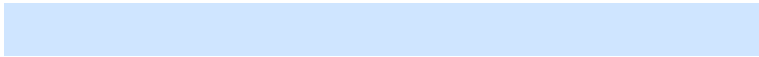


# Same Dimension

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



12965609



13624831



13026793



6975349



21941



6454



# Inverse Universe

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



15320534



16764901



15264197



7694959



11862101

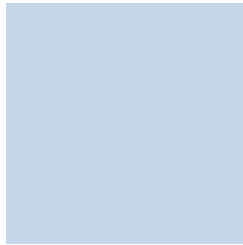


3538969



# Previews

## White Background



This preview shows how the Decimal color 12965609 looks on a white background.

## Color Contrast Check

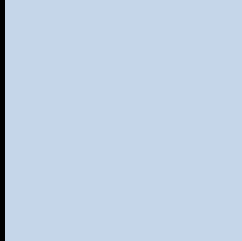
Large Text (above 18pt) WCAG AA × Fail

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 12965609 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

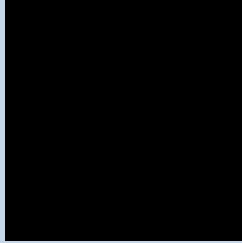
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

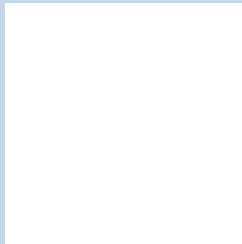
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 12965609 Background



This preview shows how black text looks on a background with the Decimal color 12965609.



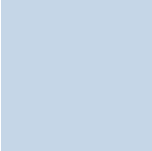
This preview shows how white text looks on a background with the Decimal color 12965609.

# 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**  
12965607

# Trichromacy



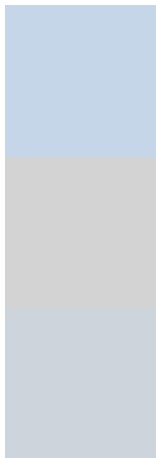
**Original Color**  
12965609

**Protanomaly**  
13489128

**Deuteranomaly**  
14012906

**Tritanomaly**  
12965608

# Monochromacy



**Original Color**  
12965609

**Achromatopsia**  
13882323

**Achromatomaly**  
13554907

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12965609 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 #C5D6E9 looks like.

```
.text, #text, p{  
    color:#C5D6E9  
}
```

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 #C5D6E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5D6E9
}
```

## Border

The CSS property to change the border of an element to Decimal 12965609 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
#C5D6E9 }
```

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

```
.border{ border-color:#C5D6E9 }
```

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

Here you see how a box with a 4 pixel #C5D6E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5D6E9; -webkit-box-shadow:4px 4px  
4px 4px #C5D6E9; box-shadow:4px 4px 4px  
4px #C5D6E9 }
```

# Background

The CSS property to change the background color of an element to Decimal 12965609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5D6E9 }
```

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

```
.background{ background-color:#C5D6E9 }
```

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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