

Converting Colors

Decimal(9016796)

Have a look what the booklet for
Decimal(9016796) contains.

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Color

Decimal(9016796)

Conversions

Conversions Part 1

Format	Color
Hex	8995DC
RGB	137, 149, 220
RGB Percent	54%, 58%, 86%
CMY	0.4627, 0.4157, 0.1373
CMYK	0.38, 0.32, 0.00, 0.14
HSL	231°, 54%, 70%
HSV	231°, 38%, 86%
XYZ	33.9822, 31.9806, 72.0920
YIQ	153.5060, -29.9430, 19.5370

Conversions

Conversions Part 2

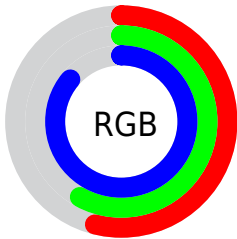
Format	Color
RYB	137, 147, 220
Decimal	9016796
CIELab	63.33, 12.95, -37.55
CIElCh	63, 39.716, 289.027
Yxy	31.9806, 0.2462, 0.2317
Android (android.graphics.Color)	4287206876 (0xFF8995DC)
YUV	153.5060, 32.7815, -14.4758
Hunter-Lab	56.5514, 8.2974, -35.9972

Details

The Decimal color **9016796** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **14471305**, and the grayscale version is **10066329**.

A 20% lighter version of the original color is **12700671**, and **5464997** is the 20% darker color. If you saturate the color by 10%, you get **7570140**, and if you desaturate by 10%, it is **10463452**.

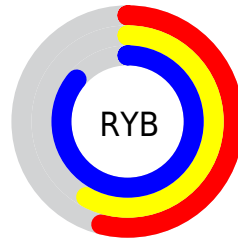
Distribution



Red (54%)

Green (58%)

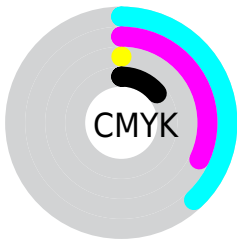
Blue (86%)



Red (54%)

Yellow (58%)

Blue (86%)

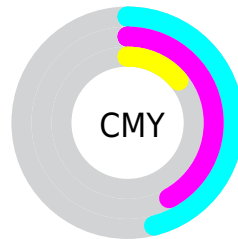


Cyan (38%)

Magenta (32%)

Yellow (0%)

Black (14%)



Cyan (46%)

Magenta (42%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 9016796 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 9016796 by changing the saturation by 10% instead.

■ 9016796

■ 9016796

16777215

■ 7240640

■ 12700671

■ 5464997

■ 14542847

■ 3689354

■ 16515071

■ 1717360

■ 8279

■ 2112

■ 809

■ 275

■ 0

■ 9016796

■ 9016796

■ 7570140

■ 10463452

■ 6123484

■ 11910108

■ 4677084

■ 13356508

■ 3230428

■ 14803164

■ 1783772

■ 16249820

■ 337116

■ 16777180

■ 8412

Harmonies

Analogous

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



4628958



9016796



12159176

Triad

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



9016796



13862501



4041611

Complementary

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



9016796



14471305

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.



7448426



9016796



12292947

Square

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



9016796



14515844



10067541



44207

Rectangle

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



9016796



13533619



10067541



5352063

Sweetspot

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



9016796



14936063



9034960



7303552



0



8421504

Same Dimension

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



9016796



9215487



10914268



6513774



6573



1838

Inverse Universe

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



14453141



16747677



12573833



7234404



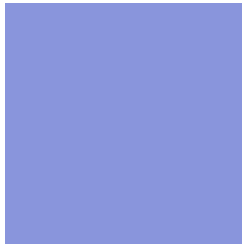
11337753



3014663

Previews

White Background



This preview shows how the Decimal color 9016796 looks on a white background.

Color Contrast Check

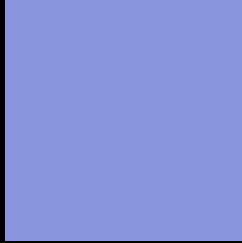
Large Text (above 18pt) WCAG AA × Fail

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 9016796 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 9016796 Background



This preview shows how black text looks on a background with the Decimal color 9016796.



This preview shows how white text looks on a background with the Decimal color 9016796.

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
9016796

Protanopia
8558557

Deuteranopia
8362203



Tritanopia
8232875

Trichromacy



Original Color
9016796

Protanomaly
8754909

Deuteranomaly
8624091

Tritanomaly
8494013

Monochromacy



Original Color
9016796

Achromatopsia
10132122

Achromatomaly
9738418

CSS Examples

Text

The CSS property to change the color of the text to Decimal 9016796 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 #8995DC looks like.

```
.text, #text, p{  
    color:#8995DC  
}
```

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 #8995DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8995DC
}
```

Border

The CSS property to change the border of an element to Decimal 9016796 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
#8995DC }
```

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

```
.border{ border-color:#8995DC }
```

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

Here you see how a box with a 4 pixel #8995DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8995DC; -webkit-box-shadow:4px 4px  
4px 4px #8995DC; box-shadow:4px 4px 4px  
4px #8995DC }
```

Background

The CSS property to change the background color of an element to Decimal 9016796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8995DC }
```

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

```
.background{ background-color:#8995DC }
```

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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