

Converting Colors

Decimal(9013675)

Have a look what the booklet for
Decimal(9013675) contains.

Decimal(9013675)	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(9013675)

Conversions

Conversions Part 1

Format	Color
Hex	8989AB
RGB	137, 137, 171
RGB Percent	54%, 54%, 67%
CMY	0.4627, 0.4627, 0.3294
CMYK	0.20, 0.20, 0.00, 0.33
HSL	240°, 17%, 60%
HSV	240°, 20%, 67%
XYZ	26.6129, 26.1500, 42.1729
YIQ	140.8760, -10.9140, 10.5740

Conversions

Conversions Part 2

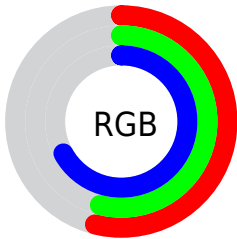
Format	Color
RYB	137, 137, 171
Decimal	9013675
CIELab	58.18, 7.37, -17.89
CIELCh	58, 19.350, 292.381
Yxy	26.1500, 0.2803, 0.2754
Android (android.graphics.Color)	4287203755 (0xFF8989AB)
YUV	140.8760, 14.8511, -3.3993
Hunter-Lab	51.1370, 3.4057, -13.1007

Details

The Decimal color **9013675** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **11250569**, and the grayscale version is **9276813**.

A 20% lighter version of the original color is **12566242**, and **5724023** is the 20% darker color. If you saturate the color by 10%, you get **7895211**, and if you desaturate by 10%, it is **10132139**.

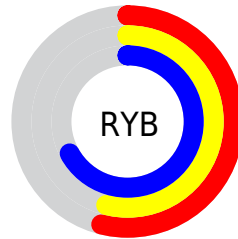
Distribution



Red (54%)

Green (54%)

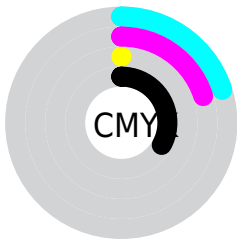
Blue (67%)



Red (54%)

Yellow (54%)

Blue (67%)

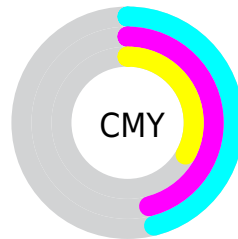


Cyan (20%)

Magenta (20%)

Yellow (0%)

Black (33%)



Cyan (46%)

Magenta (46%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 9013675 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 9013675 by changing the saturation by 10% instead.

■ 9013675

■ 9013675

16777215

■ 7303312

■ 12566242

■ 5724023

■ 14408447

■ 4145246

■ 16250879

■ 2632262

■ 1185328

■ 283

■ 0

■ 9013675

■ 9013675

■ 7895211

■ 10132139

■ 6776747

■ 11250603

■ 5658283

■ 12369067

■ 4539819

■ 13487531

■ 3355563

■ 14605995

■ 2237099

■ 15790251

■ 1118635

■ 16777131

■ 171

Harmonies

Analogous

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



7507885



9013675



10388385

Triad

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



9013675



11109490



6722951

Complementary

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



9013675



11250569

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.



7902071



9013675



10324331

Square

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



9013675



11501696



9146220



6067608

Rectangle

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



9013675



10977687



9146220



7116161

Sweetspot

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



9013675



13750750



9022379



6842480



15790320



7368816

Same Dimension

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



9013675



11119070



10127787



5131863



150



23

Inverse Universe

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



11241899



14592478



10136457



5721687



9830550



1507351

Previews

White Background



This preview shows how the Decimal color 9013675 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 9013675 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

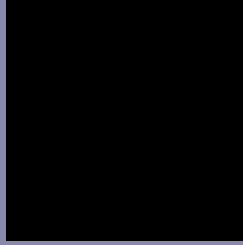
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Decimal 9013675 Background



This preview shows how black text looks on a background with the Decimal color 9013675.



This preview shows how white text looks on a background with the Decimal color 9013675.

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](#).

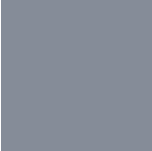
Dichromacy



Original Color
9013675

Protanopia
8686252

Deuteranopia
9079211



Tritanopia
8752280

Trichromacy



Original Color
9013675

Protanomaly
8817324

Deuteranomaly
9079211

Tritanomaly
8817567

Monochromacy



Original Color
9013675

Achromatopsia
9276813

Achromatomaly
9211032

CSS Examples

Text

The CSS property to change the color of the text to Decimal 9013675 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 #8989AB looks like.

```
.text, #text, p{  
    color:#8989AB  
}
```

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 #8989AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8989AB
}
```

Border

The CSS property to change the border of an element to Decimal 9013675 is called "border". The border property can be set on classes, ids or directly on the HTML element.

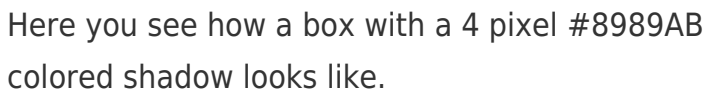
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8989AB }
```

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

```
.border{ border-color:#8989AB }
```

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



Here you see how a box with a 4 pixel #8989AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8989AB; -webkit-box-shadow:4px 4px  
4px 4px #8989AB; box-shadow:4px 4px 4px  
4px #8989AB }
```

Background

The CSS property to change the background color of an element to Decimal 9013675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8989AB }
```

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

```
.background{ background-color:#8989AB }
```

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