

# Converting Colors

Decimal(9617121)

Have a look what the booklet for  
Decimal(9617121) contains.

<b>Decimal(9617121)</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(9617121)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	92BEE1
RGB	146, 190, 225
RGB Percent	57%, 75%, 88%
CMY	0.4275, 0.2549, 0.1176
CMYK	0.35, 0.16, 0.00, 0.12
HSL	207°, 57%, 73%
HSV	207°, 35%, 88%
XYZ	43.8581, 48.3741, 78.2597
YIQ	180.8340, -37.4590, 1.5570

# Conversions

## Conversions Part 2

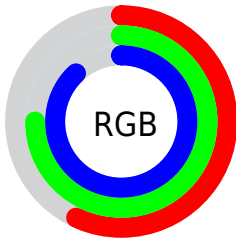
Format	Color
R <sub>Y</sub> B	146, 174, 225
Decimal	9617121
CIE Lab	75.06, -6.13, -22.15
CIE LCh	75, 22.984, 254.537
Yxy	48.3741, 0.2572, 0.2837
Android (android.graphics.Color)	4287807201 (0xFF92BEE1)
YUV	180.8340, 21.7738, -30.5494
Hunter-Lab	69.5515, -9.1558, -18.0273

# Details

The Decimal color **9617121** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **14792082**, and the grayscale version is **11908533**.

A 20% lighter version of the original color is **13301503**, and **6064554** is the 20% darker color. If you saturate the color by 10%, you get **8107233**, and if you desaturate by 10%, it is **11127009**.

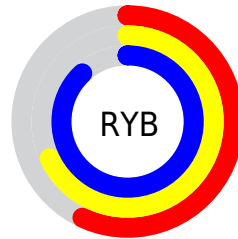
# Distribution



Red (57%)

Green (75%)

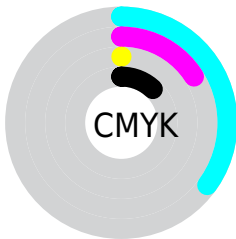
Blue (88%)



Red (57%)

Yellow (68%)

Blue (88%)

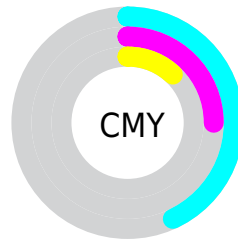


Cyan (35%)

Magenta (16%)

Yellow (0%)

Black (12%)



Cyan (43%)

Magenta (25%)

Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 9617121 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 9617121 by changing the saturation by 10% instead.



■ 9617121

■ 9617121

16777215

■ 7840709

■ 13301503

■ 6064554

■ 15204351

■ 4353935

■ 2512757

■ 82013

■ 10821

■ 5678

■ 282

■ 0

■ 9617121

■ 9617121

■ 8107233

■ 11127009

■ 6662881

■ 12571361

■ 5152993

■ 14081249

■ 3708641

■ 15525601

■ 2198753

■ 16773345

■ 754401

■ 16775905

■ 32225

■ 16777185

# Harmonies

## Analogous

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



8438742



9617121



11450337

# Triad

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



9617121



14985903



10928538

# Complementary

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



9617121



14792082

# 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.



12499856



9617121



14790044

# Square

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



9617121



14461893



13874320



9421997

# Rectangle

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



9617121



12628700



13874320



11452310

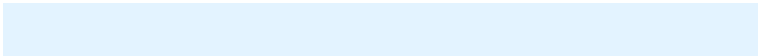


# Sweetspot

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



9617121



14939135



9626036



7305344



0



8421504

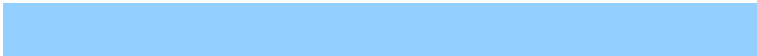


# Same Dimension

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



9617121



9752831



9607137



6646640



25264



6960



# Inverse Universe

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



14783166



16749776



14802066



7365995



11534434

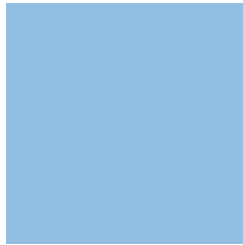


3145755



# Previews

## White Background



This preview shows how the Decimal color 9617121 looks on a white background.

## Color Contrast Check

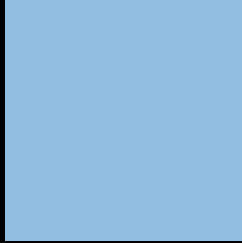
Large Text (above 18pt) WCAG AA × Fail

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 9617121 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 9617121 Background



This preview shows how black text looks on a background with the Decimal color 9617121.

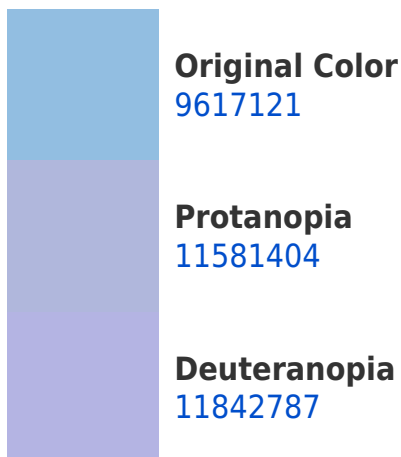


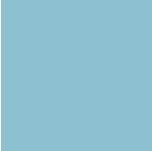
This preview shows how white text looks on a background with the Decimal color 9617121.

# 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](#).

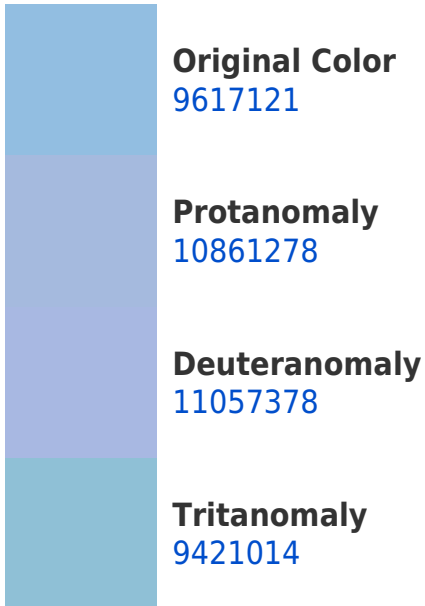
## Dichromacy



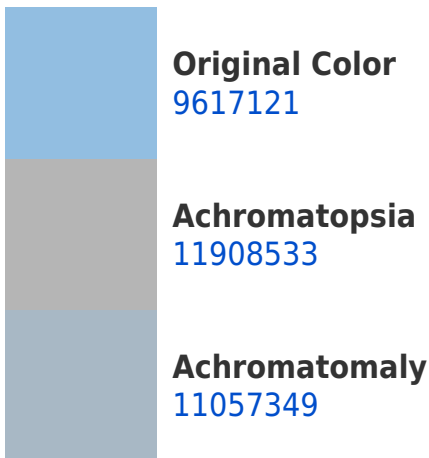


**Tritanopia**  
9355728

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 9617121 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 #92BEE1 looks like.

```
.text, #text, p{  
    color:#92BEE1  
}
```

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 #92BEE1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #92BEE1
}
```

## Border

The CSS property to change the border of an element to Decimal 9617121 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
#92BEE1 }
```

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

```
.border{ border-color:#92BEE1 }
```

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

Here you see how a box with a 4 pixel #92BEE1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #92BEE1; -webkit-box-shadow:4px 4px  
4px 4px #92BEE1; box-shadow:4px 4px 4px  
4px #92BEE1 }
```

# Background

The CSS property to change the background color of an element to Decimal 9617121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#92BEE1 }
```

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

```
.background{ background-color:#92BEE1 }
```

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