

# Converting Colors

Decimal(8432325)

Have a look what the booklet for  
Decimal(8432325) contains.

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# **Color**

**Decimal(8432325)**

# Conversions

## Conversions Part 1

Format	Color
Hex	80AAC5
RGB	128, 170, 197
RGB Percent	50%, 67%, 77%
CMY	0.4980, 0.3333, 0.2275
CMYK	0.35, 0.14, 0.00, 0.23
HSL	203°, 37%, 64%
HSV	203°, 35%, 77%
XYZ	33.3549, 37.3699, 58.2784
YIQ	160.5200, -33.6990, -0.5070

# Conversions

## Conversions Part 2

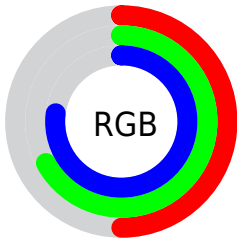
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">128, 154, 197</a>
Decimal	<a href="#">8432325</a>
CIELab	<a href="#">67.55, -7.47, -18.33</a>
CIElCh	<a href="#">68, 19.790, 247.830</a>
Yxy	<a href="#">37.3699, 0.2586, 0.2897</a>
Android (android.graphics.Color)	<a href="#">4286622405 (0xFF80AAC5)</a>
YUV	<a href="#">160.5200, 17.9846, -28.5200</a>
Hunter-Lab	<a href="#">61.1309, -9.5841, -13.7318</a>

# Details

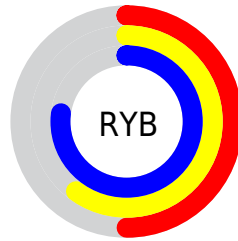
The Decimal color **8432325** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **12950400**, and the grayscale version is **10526880**.

A 20% lighter version of the original color is **12050942**, and **5011087** is the 20% darker color. If you saturate the color by 10%, you get **7119557**, and if you desaturate by 10%, it is **9745093**.

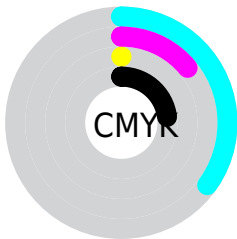
# Distribution



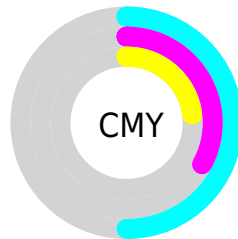
- Red (50%)
- Green (67%)
- Blue (77%)



- Red (50%)
- Yellow (60%)
- Blue (77%)



- Cyan (35%)
- Magenta (14%)
- Yellow (0%)
- Black (23%)



- Cyan (50%)
- Magenta (33%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8432325 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 8432325 by changing the saturation by 10% instead.





8432325



8432325

16777215



6721706



12050942



5011087



13893375



3300726



15794175



1394269



12101



6959



282



0



8432325



8432325

7119557

9745093

5872581

10992069

4559813

12304837

3247045

13617605

1934277

14930373

687301

16177349

30917

16769221

16771269

16773061

# Harmonies

## Analogous

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



7646906



8432325



9872840

# Triad

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



8432325



13211808



10070664

# Complementary

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



8432325



12950400

# 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.



11380097



8432325



13146767

# Square

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



8432325



12622514



12492676



8826519

# Rectangle

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



8432325



10920132



12492676



10528901

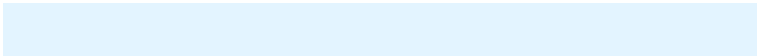


# Sweetspot

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



8432325



14939391



8439194



7305600



0



8421504

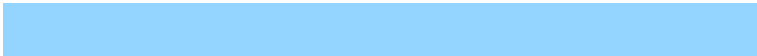


# Same Dimension

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



8432325



9754111



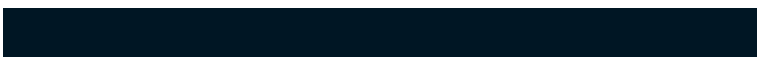
8423621



5922915



25507



5668



# Inverse Universe

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



12943530



16749781



12959104



6511200



10682467

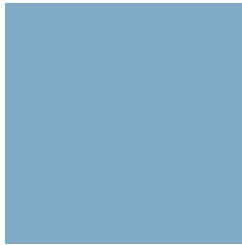


2359318



# Previews

## White Background



This preview shows how the Decimal color 8432325 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 8432325 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

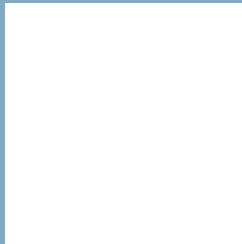
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 8432325 Background



This preview shows how black text looks on a background with the Decimal color 8432325.




This preview shows how white text looks on a background with the Decimal color 8432325.

# 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**  
8236218

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8432325 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 #80AAC5 looks like.

```
.text, #text, p{  
  color:#80AAC5  
}
```

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 #80AAC5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80AAC5
}
```

## Border

The CSS property to change the border of an element to Decimal 8432325 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
#80AAC5 }
```

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

```
.border{ border-color:#80AAC5 }
```

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

Here you see how a box with a 4 pixel #80AAC5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80AAC5; -webkit-box-shadow:4px 4px  
4px 4px #80AAC5; box-shadow:4px 4px 4px  
4px #80AAC5 }
```

# Background

The CSS property to change the background color of an element to Decimal 8432325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80AAC5 }
```

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

```
.background{ background-color:#80AAC5 }
```

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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