

Converting Colors

Decimal(7964066)

Have a look what the booklet for
Decimal(7964066) contains.

Decimal(7964066)	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(7964066)

Conversions

Conversions Part 1

Format	Color
Hex	7985A2
RGB	121, 133, 162
RGB Percent	47%, 52%, 64%
CMY	0.5255, 0.4784, 0.3647
CMYK	0.25, 0.18, 0.00, 0.36
HSL	222°, 18%, 55%
HSV	222°, 25%, 64%
XYZ	22.7943, 23.4486, 37.5071
YIQ	132.7180, -16.4610, 6.4750

Conversions

Conversions Part 2

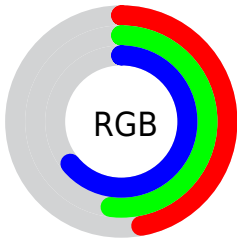
Format	Color
R_{YB}	121, 130, 162
Decimal	7964066
CIE Lab	55.53, 2.32, -16.87
CIE LCh	56, 17.029, 277.833
Yxy	23.4486, 0.2722, 0.2800
Android (android.graphics.Color)	4286154146 (0xFF7985A2)
YUV	132.7180, 14.4360, -10.2767
Hunter-Lab	48.4238, -0.7173, -12.0269

Details

The Decimal color **7964066** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **10655353**, and the grayscale version is **8750469**.

A 20% lighter version of the original color is **11451097**, and **4674670** is the 20% darker color. If you saturate the color by 10%, you get **6912674**, and if you desaturate by 10%, it is **9015458**.

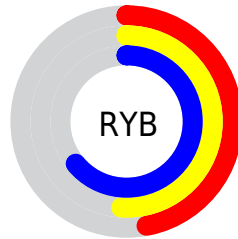
Distribution



Red (47%)

Green (52%)

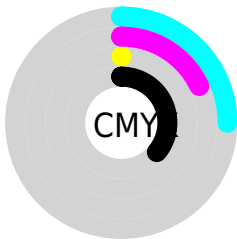
Blue (64%)



Red (47%)

Yellow (51%)

Blue (64%)

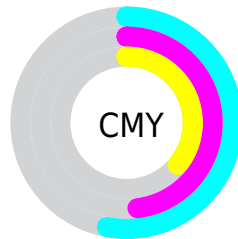


Cyan (25%)

Magenta (18%)

Yellow (0%)

Black (36%)



Cyan (53%)

Magenta (48%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7964066 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 7964066 by changing the saturation by 10% instead.

■ 7964066

■ 7964066

16777215

■ 6319240

■ 11451097

■ 4674670

■ 13293301

■ 3161430

■ 15135487

■ 1648447

■ 135721

■ 276

■ 0

■ 7964066

■ 7964066

■ 6912674

■ 9015458

■ 5861026

■ 10067106

■ 4744098

■ 11184034

■ 3692450

■ 12235682

■ 2641058

■ 13287074

■ 1589410

■ 14338722

■ 538018

■ 15390114

■ 12194

■ 16507298

■ 16772258

Harmonies

Analogous

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



6785696



7964066



9207964

Triad

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



7964066



10648692



7048569

Complementary

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



7964066



10655353

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.



8161901



7964066



10125418

Square

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



7964066



10713986



9209192



6262408

Rectangle

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



7964066



9928085



9209192



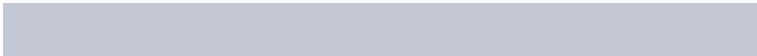
7441525

Sweetspot

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



7964066



12830932



7971478



6317163



15461355



7039851

Same Dimension

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



7964066



9742292



8485282



4803666



11153



1298

Inverse Universe

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



10647941



13931687



10134137



5392716



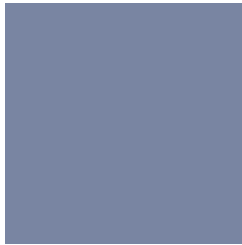
9502763



1179653

Previews

White Background



This preview shows how the Decimal color 7964066 looks on a white background.

Color Contrast Check

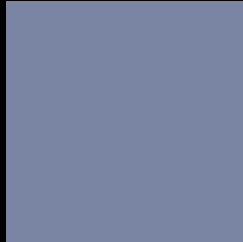
Large Text (above 18pt) WCAG AA ✓ Pass

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 7964066 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

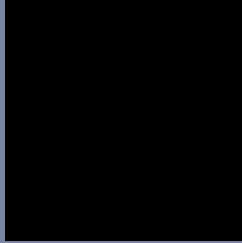
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

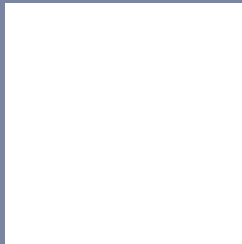
Any Text WCAG AAA × Fail

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

Decimal 7964066 Background



This preview shows how black text looks on a background with the Decimal color 7964066.

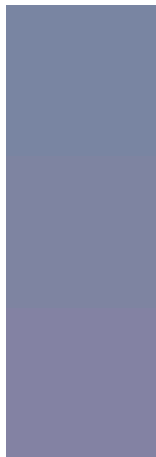


This preview shows how white text looks on a background with the Decimal color 7964066.

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

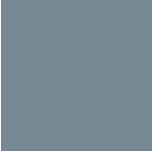
7964066

Protanopia

8291489

Deuteranopia

8618659



Tritanopia
7768211

Trichromacy



Original Color
7964066

Protanomaly
8160417

Deuteranomaly
8356771

Tritanomaly
7833496

Monochromacy



Original Color
7964066

Achromatopsia
8750469

Achromatomaly
8488336

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7964066 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 #7985A2 looks like.

```
.text, #text, p{  
  color:#7985A2  
}
```

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 #7985A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7985A2
}
```

Border

The CSS property to change the border of an element to Decimal 7964066 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
#7985A2 }
```

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

```
.border{ border-color:#7985A2 }
```

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

Here you see how a box with a 4 pixel #7985A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7985A2; -webkit-box-shadow:4px 4px  
4px 4px #7985A2; box-shadow:4px 4px 4px  
4px #7985A2 }
```

Background

The CSS property to change the background color of an element to Decimal 7964066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7985A2 }
```

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

```
.background{ background-color:#7985A2 }
```

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