

Converting Colors

Decimal(7964588)

Have a look what the booklet for
Decimal(7964588) contains.

Decimal(7964588)	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(7964588)

Conversions

Conversions Part 1

Format	Color
Hex	7987AC
RGB	121, 135, 172
RGB Percent	47%, 53%, 67%
CMY	0.5255, 0.4706, 0.3255
CMYK	0.30, 0.22, 0.00, 0.33
HSL	224°, 24%, 57%
HSV	224°, 30%, 67%
XYZ	23.9955, 24.3715, 42.4692
YIQ	135.0320, -20.2210, 8.5390

Conversions

Conversions Part 2

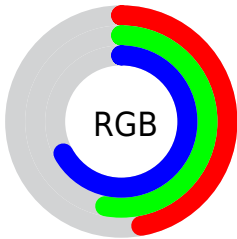
Format	Color
RYB	121, 132, 172
Decimal	7964588
CIELab	56.46, 3.69, -21.20
CIELCh	56, 21.520, 279.878
Yxy	24.3715, 0.2642, 0.2683
Android (android.graphics.Color)	4286154668 (0xFF7987AC)
YUV	135.0320, 18.2252, -12.3061
Hunter-Lab	49.3675, 0.3686, -16.4480

Details

The Decimal color **7964588** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **11312761**, and the grayscale version is **8882055**.

A 20% lighter version of the original color is **11451619**, and **4674936** is the 20% darker color. If you saturate the color by 10%, you get **6847404**, and if you desaturate by 10%, it is **9081772**.

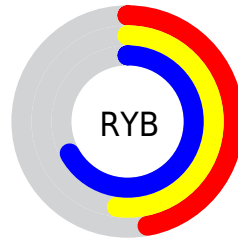
Distribution



Red (47%)

Green (53%)

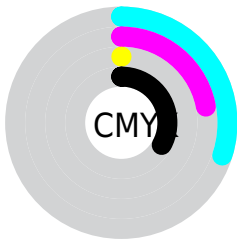
Blue (67%)



Red (47%)

Yellow (52%)

Blue (67%)

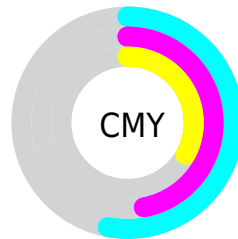


Cyan (30%)

Magenta (22%)

Yellow (0%)

Black (33%)



Cyan (53%)

Magenta (47%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7964588 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 7964588 by changing the saturation by 10% instead.

■ 7964588

■ 7964588

16777215

■ 6254225

■ 11451619

■ 4674936

■ 13293823

■ 3096159

■ 15135999

■ 1452359

■ 5168

■ 283

■ 0

■ 7964588

■ 7964588

■ 6847404

■ 9081772

■ 5729964

■ 10199212

■ 4547244

■ 11381932

■ 3429804

■ 12499372

■ 2312620

■ 13616556

■ 1195180

■ 14733996

■ 77996

■ 15851180

■ 12204

■ 16772012

■ 16775084

Harmonies

Analogous

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



6327722



7964588



9601188

Triad

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



7964588



11238512



6656378

Complementary

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



7964588



11312761

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.



8031594



7964588



10519141

Square

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



7964588



11369090



9406562



5542541

Rectangle

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



7964588



10452378



9406562



7114868

Sweetspot

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



7964588



13423328



7974046



6580080



15790320



7368816

Same Dimension

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



7964588



9479904



8681900



5132375



10646



1559

Inverse Universe

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



11303303



14717094



10595449



5721680



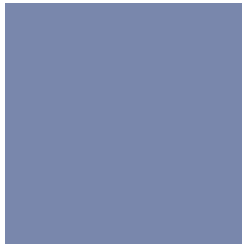
9830441



1507334

Previews

White Background



This preview shows how the Decimal color 7964588 looks on a white background.

Color Contrast Check

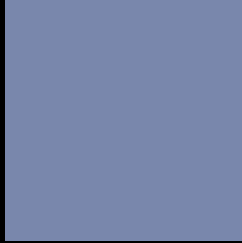
Large Text (above 18pt) WCAG AA ✓ Pass

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 7964588 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

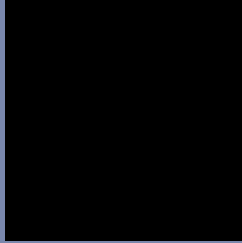
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

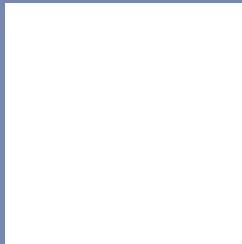
Any Text WCAG AAA × Fail

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

Decimal 7964588 Background



This preview shows how black text looks on a background with the Decimal color 7964588.

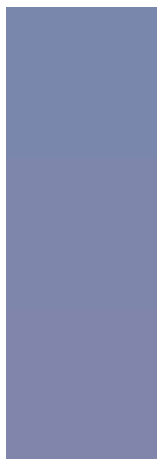


This preview shows how white text looks on a background with the Decimal color 7964588.

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

7964588

Protanopia

8292011

Deuteranopia

8488364



Tritanopia
7637910

Trichromacy



Original Color

7964588

Protanomaly

8160939

Deuteranomaly

8292012

Tritanomaly

7768734

Monochromacy



Original Color

7964588

Achromatopsia

8882055

Achromatomaly

8554388

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7964588 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 #7987AC looks like.

```
.text, #text, p{  
    color:#7987AC  
}
```

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 #7987AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7987AC
}
```

Border

The CSS property to change the border of an element to Decimal 7964588 is called "border". The border property can be set on classes, ids or directly on the HTML element.

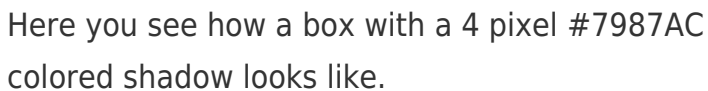
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7987AC }
```

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

```
.border{ border-color:#7987AC }
```

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



Here you see how a box with a 4 pixel #7987AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7987AC; -webkit-box-shadow:4px 4px  
4px 4px #7987AC; box-shadow:4px 4px 4px  
4px #7987AC }
```

Background

The CSS property to change the background color of an element to Decimal 7964588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7987AC }
```

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

```
.background{ background-color:#7987AC }
```

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