

Converting Colors

Decimal(7968428)

Have a look what the booklet for
Decimal(7968428) contains.

Decimal(7968428)	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(7968428)

Conversions

Conversions Part 1

Format	Color
Hex	7996AC
RGB	121, 150, 172
RGB Percent	47%, 59%, 67%
CMY	0.5255, 0.4118, 0.3255
CMYK	0.30, 0.13, 0.00, 0.33
HSL	206°, 24%, 57%
HSV	206°, 30%, 67%
XYZ	26.2379, 28.8562, 43.2166
YIQ	143.8370, -24.3460, 0.6940

Conversions

Conversions Part 2

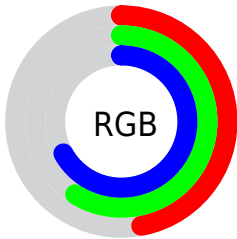
Format	Color
R_{YB}	121, 139, 172
Decimal	7968428
CIE _{Lab}	60.65, -4.85, -14.82
CIE _{LCh}	61, 15.590, 251.892
Yxy	28.8562, 0.2669, 0.2935
Android (android.graphics.Color)	4286158508 (0xFF7996AC)
YUV	143.8370, 13.8844, -20.0280
Hunter-Lab	53.7180, -6.8202, -10.0968

Details

The Decimal color **7968428** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **11308921**, and the grayscale version is **9474192**.

A 20% lighter version of the original color is **11455715**, and **4678520** is the 20% darker color. If you saturate the color by 10%, you get **6852524**, and if you desaturate by 10%, it is **9084332**.

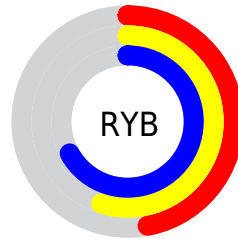
Distribution



Red (47%)

Green (59%)

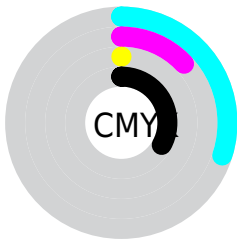
Blue (67%)



Red (47%)

Yellow (55%)

Blue (67%)

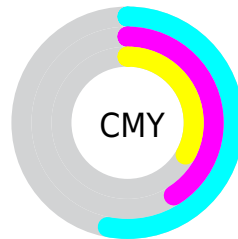


Cyan (30%)

Magenta (13%)

Yellow (0%)

Black (33%)



Cyan (53%)

Magenta (41%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7968428 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 7968428 by changing the saturation by 10% instead.

■ 7968428

■ 7968428

16777215

■ 6257809

■ 11455715

■ 4678520

■ 13297919

■ 3033951

■ 15204351

■ 1455431

■ 8241

■ 1564

■ 0

■ 7968428

■ 7968428

■ 6852524

■ 9084332

■ 5736364

■ 10200492

■ 4554924

■ 11381932

■ 3438764

■ 12498092

■ 2322860

■ 13613996

■ 1206700

■ 14730156

■ 90796

■ 15846060

■ 25260

■ 16765356

■ 16767404

Harmonies

Analogous

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



7313828



7968428



9081517

Triad

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



7968428



11504013



8951678

Complementary

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



7968428



11308921

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.



9933687



7968428



11373441

Square

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



7968428



11111067



10850169



7969417

Rectangle

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



7968428



9866922



10850169



9279099

Sweetspot

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



7968428



13424864



7974030



6581104



15790320



7368816

Same Dimension

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



7968428



9486048



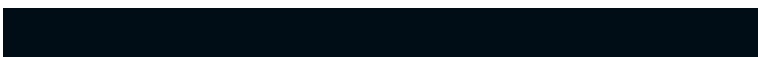
7962028



5133143



22166



3351

Inverse Universe

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



11303318



14717118



11315321



5721683



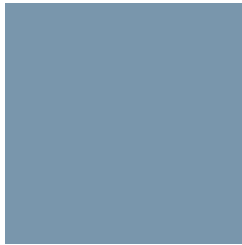
9830486



1507341

Previews

White Background



This preview shows how the Decimal color 7968428 looks on a white background.

Color Contrast Check

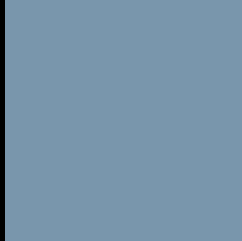
Large Text (above 18pt) WCAG AA ✓ Pass

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 7968428 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

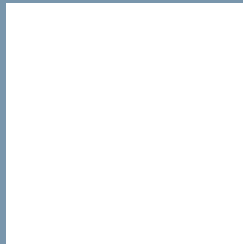
Any Text WCAG AAA × Fail

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

Decimal 7968428 Background



This preview shows how black text looks on a background with the Decimal color 7968428.



This preview shows how white text looks on a background with the Decimal color 7968428.

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
7837604

Trichromacy



Original Color
7968428

Protanomaly
8819626

Deuteranomaly
9081517

Tritanomaly
7903143

Monochromacy



Original Color
7968428

Achromatopsia
9474192

Achromatomaly
8950426

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7968428 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 #7996AC looks like.

```
.text, #text, p{  
    color:#7996AC  
}
```

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 #7996AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7996AC
}
```

Border

The CSS property to change the border of an element to Decimal 7968428 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
#7996AC }
```

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

```
.border{ border-color:#7996AC }
```

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

Here you see how a box with a 4 pixel #7996AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7996AC; -webkit-box-shadow:4px 4px  
4px 4px #7996AC; box-shadow:4px 4px 4px  
4px #7996AC }
```

Background

The CSS property to change the background color of an element to Decimal 7968428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7996AC }
```

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

```
.background{ background-color:#7996AC }
```

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