

Converting Colors

Decimal(8227241)

Have a look what the booklet for
Decimal(8227241) contains.

Decimal(8227241)	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(8227241)

Conversions

Conversions Part 1

Format	Color
Hex	7D89A9
RGB	125, 137, 169
RGB Percent	49%, 54%, 66%
CMY	0.5098, 0.4627, 0.3373
CMYK	0.26, 0.19, 0.00, 0.34
HSL	224°, 20%, 58%
HSV	224°, 26%, 66%
XYZ	24.5645, 25.1159, 41.0893
YIQ	137.0600, -17.4240, 7.4080

Conversions

Conversions Part 2

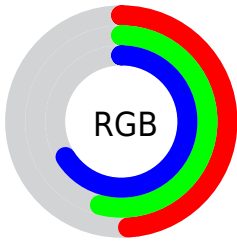
Format	Color
R _Y B	125, 134, 169
Decimal	8227241
CIE Lab	57.19, 3.02, -18.34
CIE LCh	57, 18.589, 279.356
Yxy	25.1159, 0.2706, 0.2767
Android (android.graphics.Color)	4286417321 (0xFF7D89A9)
YUV	137.0600, 15.7464, -10.5766
Hunter-Lab	50.1157, -0.2096, -13.5301

Details

The Decimal color **8227241** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **11115901**, and the grayscale version is **9013641**.

A 20% lighter version of the original color is **11714272**, and **4937589** is the 20% darker color. If you saturate the color by 10%, you get **7110057**, and if you desaturate by 10%, it is **9344425**.

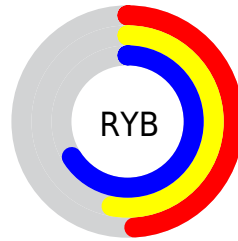
Distribution



Red (49%)

Green (54%)

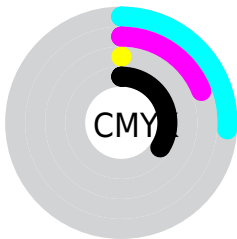
Blue (66%)



Red (49%)

Yellow (53%)

Blue (66%)

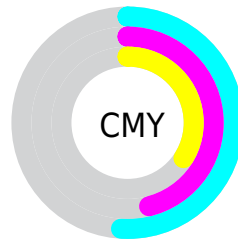


Cyan (26%)

Magenta (19%)

Yellow (0%)

Black (34%)



Cyan (51%)

Magenta (46%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8227241 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 8227241 by changing the saturation by 10% instead.

■ 8227241

■ 8227241

16777215

■ 6582414

■ 11714272

■ 4937589

■ 13556477

■ 3358812

■ 15398911

■ 1845828

■ 267822

■ 281

■ 0

■ 8227241

■ 8227241

■ 7110057

■ 9344425

■ 5992617

■ 10461865

■ 4875433

■ 11579049

■ 3758249

■ 12696233

■ 2641065

■ 13747881

■ 1589161

■ 14865321

■ 471977

■ 15982505

■ 11945

■ 16772009

■ 16775337

Harmonies

Analogous

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



6852263



8227241



9601954

Triad

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



8227241



11108469



7115389

Complementary

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



8227241



11115901

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.



8294256



8227241



10519659

Square

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



8227241



11173509



9472617



6263694

Rectangle

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



8227241



10387610



9472617



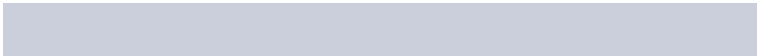
7508344

Sweetspot

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



8227241



13291483



8235421



6514286



15592941



7237230

Same Dimension

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



8227241



9939675



8879529



5000788



10388



1556

Inverse Universe

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



11107721



14391210



10463613



5524558



9699368



1310726

Previews

White Background



This preview shows how the Decimal color 8227241 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 8227241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

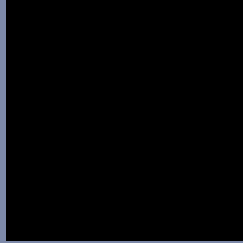
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

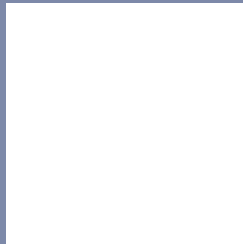
Any Text WCAG AAA × Fail

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

Decimal 8227241 Background



This preview shows how black text looks on a background with the Decimal color 8227241.

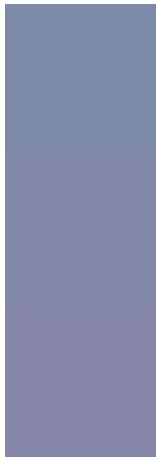


This preview shows how white text looks on a background with the Decimal color 8227241.

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
8227241

Protanopia
8554664

Deuteranopia
8816298

Trichromacy



Original Color
8227241

Protanomaly
8423592

Deuteranomaly
8619946

Tritanomaly
8031134

Monochromacy



Original Color
8227241

Achromatopsia
9013641

Achromatomaly
8751509

CSS Examples

Text

The CSS property to change the color of the text to Decimal 8227241 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 #7D89A9 looks like.

```
.text, #text, p{  
    color:#7D89A9  
}
```

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 #7D89A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D89A9
}
```

Border

The CSS property to change the border of an element to Decimal 8227241 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
#7D89A9 }
```

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

```
.border{ border-color:#7D89A9 }
```

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

Here you see how a box with a 4 pixel #7D89A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D89A9; -webkit-box-shadow:4px 4px  
4px 4px #7D89A9; box-shadow:4px 4px 4px  
4px #7D89A9 }
```

Background

The CSS property to change the background color of an element to Decimal 8227241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D89A9 }
```

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

```
.background{ background-color:#7D89A9 }
```

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