

Converting Colors

Decimal(6959960)

Have a look what the booklet for
Decimal(6959960) contains.

Decimal(6959960)	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(6959960)

Conversions

Conversions Part 1

Format	Color
Hex	6A3358
RGB	106, 51, 88
RGB Percent	42%, 20%, 35%
CMY	0.5843, 0.8000, 0.6549
CMYK	0.00, 0.52, 0.17, 0.58
HSL	320°, 35%, 31%
HSV	320°, 52%, 42%
XYZ	8.8891, 6.1364, 9.9485
YIQ	71.6630, 20.9030, 23.1670

Conversions

Conversions Part 2

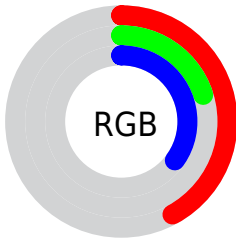
Format	Color
RYB	106, 51, 88
Decimal	6959960
CIELab	29.75, 29.74, -11.19
CIElCh	30, 31.778, 339.375
Yxy	6.1364, 0.3559, 0.2457
Android (android.graphics.Color)	4285150040 (0xFF6A3358)
YUV	71.6630, 8.0541, 30.1135
Hunter-Lab	24.7718, 20.7026, -6.4709

Details

The Decimal color **6959960** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3369541**, and the grayscale version is **4737096**.

A 20% lighter version of the original color is **10445962**, and **3670827** is the 20% darker color. If you saturate the color by 10%, you get **6957141**, and if you desaturate by 10%, it is **6962779**.

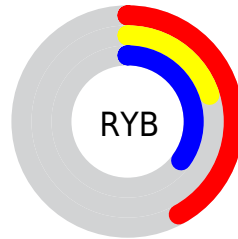
Distribution



Red (42%)

Green (20%)

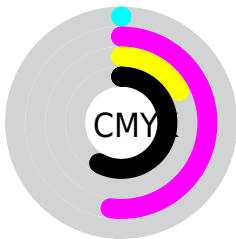
Blue (35%)



Red (42%)

Yellow (20%)

Blue (35%)

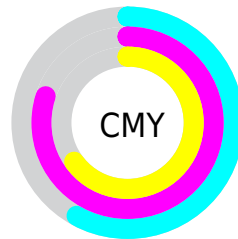


Cyan (0%)

Magenta (52%)

Yellow (17%)

Black (58%)



Cyan (58%)

Magenta (80%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6959960 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 6959960 by changing the saturation by 10% instead.

6959960

6959960

16777215

5315649

10445962

3670827

12221860

2424855

14063551

0

15971035

16764664

16772095

6959960

6959960

6957141

6962779

6954577

6965343

6951758

6968162

6949194

6970726

6946887

6973545

6976365

6978928

6981748

6984311

Harmonies

Analogous

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



5389420



6959960



7548991

Triad

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



6959960



4998930



20837

Complementary

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



6959960



3369541

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.



21069



6959960



3296542

Square

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



6959960



6373143



86324



19828

Rectangle

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



6959960



7484207



86324



21086

Sweetspot

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



6959960



9073794



4469610



4536385



12895428



4539717

Same Dimension

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



6959960



9057390



6959933



3551284



7667791



16056485

Inverse Universe

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



6959960



9057390



3369568



3551284



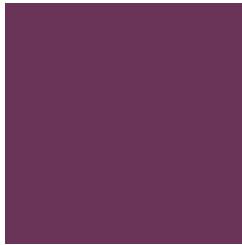
7667791



16056485

Previews

White Background



This preview shows how the Decimal color 6959960 looks on a white background.

Color Contrast Check

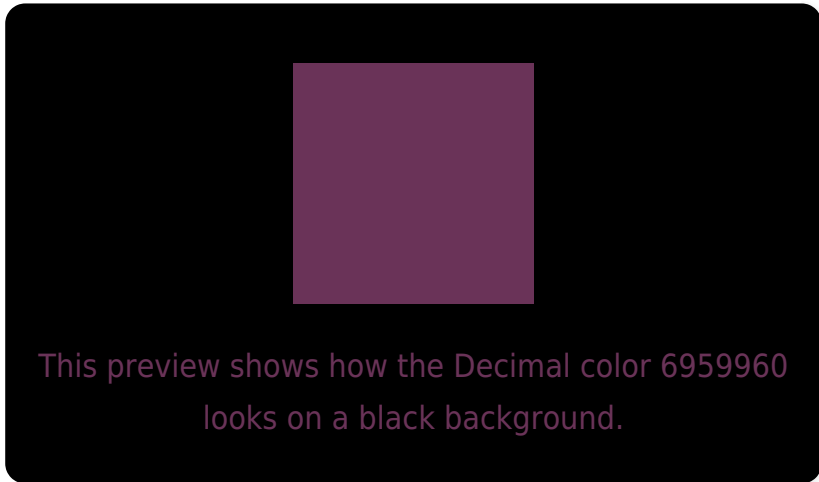
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

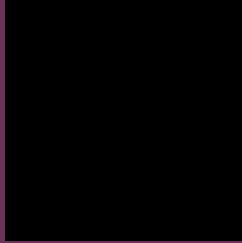
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Decimal 6959960 Background



This preview shows how black text looks on a background with the Decimal color 6959960.



This preview shows how white text looks on a background with the Decimal color 6959960.

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
6959960

Protanopia
3950182

Deuteranopia
4670805



Tritanopia
6764861

Trichromacy



Original Color
6959960

Protanomaly
5062497

Deuteranomaly
5520982

Tritanomaly
6829895

Monochromacy



Original Color
6959960

Achromatopsia
4737096

Achromatomaly
5521486

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6959960 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 #6A3358 looks like.

```
.text, #text, p{  
    color:#6A3358  
}
```

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 #6A3358 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A3358
}
```

Border

The CSS property to change the border of an element to Decimal 6959960 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".

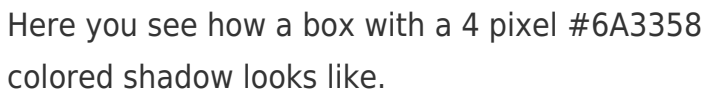
```
.border, #border, table{ border:4px solid
#6A3358 }
```

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

```
.border{ border-color:#6A3358 }
```

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

Here you see how a box with a 4 pixel #6A3358 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A3358; -webkit-box-shadow:4px 4px  
4px 4px #6A3358; box-shadow:4px 4px 4px  
4px #6A3358 }
```

Background

The CSS property to change the background color of an element to Decimal 6959960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A3358 }
```

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

```
.background{ background-color:#6A3358 }
```

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