

Converting Colors

Decimal(6958946)

Have a look what the booklet for
Decimal(6958946) contains.

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Color

Decimal(6958946)

Conversions

Conversions Part 1

Format	Color
Hex	6A2F62
RGB	106, 47, 98
RGB Percent	42%, 18%, 38%
CMY	0.5843, 0.8157, 0.6157
CMYK	0.00, 0.56, 0.08, 0.58
HSL	308°, 39%, 30%
HSV	308°, 56%, 42%
XYZ	9.1650, 5.9790, 12.2263
YIQ	70.4550, 18.7930, 28.3690

Conversions

Conversions Part 2

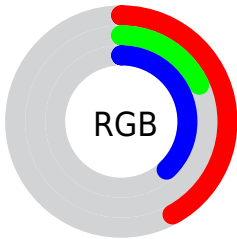
Format	Color
RYB	106, 47, 98
Decimal	6958946
CIELab	29.36, 33.77, -18.28
CIElCh	29, 38.397, 331.567
Yxy	5.9790, 0.3349, 0.2184
Android (android.graphics.Color)	4285149026 (0xFF6A2F62)
YUV	70.4550, 13.5797, 31.1730
Hunter-Lab	24.4521, 24.1131, -12.5292

Details

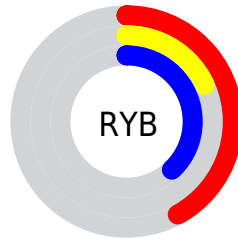
The Decimal color **6958946** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3107383**, and the grayscale version is **4605510**.

A 20% lighter version of the original color is **10444949**, and **3670067** is the 20% darker color. If you saturate the color by 10%, you get **6956129**, and if you desaturate by 10%, it is **6961763**.

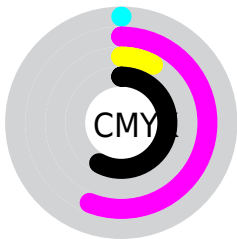
Distribution



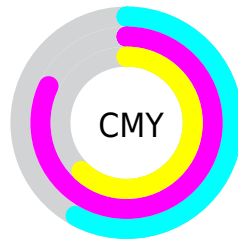
- Red (42%)
- Green (18%)
- Blue (38%)



- Red (42%)
- Yellow (18%)
- Blue (38%)



- Cyan (0%)
- Magenta (56%)
- Yellow (8%)
- Black (58%)



- Cyan (58%)
- Magenta (82%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6958946 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 6958946 by changing the saturation by 10% instead.

6958946

6958946

16777215

5314378

10444949

3670067

12221104

2424862

14128331

0

16035815

16763903

16771071

6958946

6958946

6956129

6961763

6953567

6964325

6950750

6967142

6948188

6969704

6946908

6972521

6975339

6977900

6980717

6983279

Harmonies

Analogous

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



4668792



6958946



7939909

Triad

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



6958946



5391360



21348

Complementary

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



6958946



3107383

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.



21318



6958946



3427340

Square

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



6958946



6961422



20775



20345

Rectangle

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



6958946



8005937



20775



21338

Sweetspot

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



6958946



9073287



3616618



4536131



12895428



4539717

Same Dimension

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



6958946



9055613



6958917



3551285



7667813



16056532

Inverse Universe

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



6958946



9055613



3107412



3551285



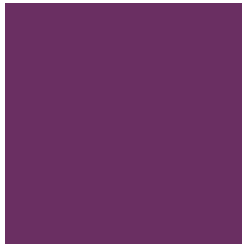
7667813



16056532

Previews

White Background



This preview shows how the Decimal color 6958946 looks on a white background.

Color Contrast Check

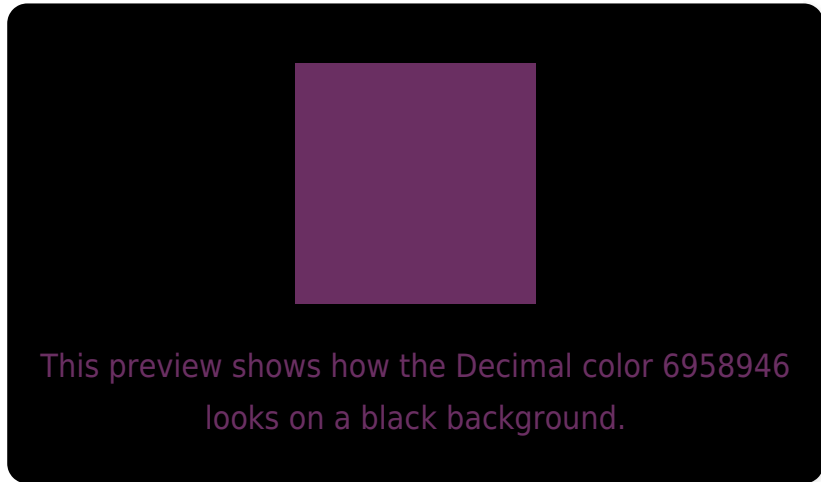
Large Text (above 18pt) WCAG AA ✓ Pass

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

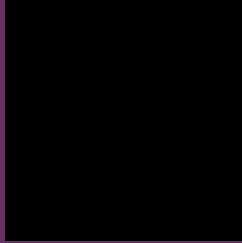
Any Text WCAG AA × Fail

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 6958946 Background



This preview shows how black text looks on a background with the Decimal color 6958946.



This preview shows how white text looks on a background with the Decimal color 6958946.

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
6958946

Protanopia
3359860

Deuteranopia
4146526



Tritanopia
6699068

Trichromacy



Original Color
6958946

Protanomaly
4668525

Deuteranomaly
5193055

Tritanomaly
6763850

Monochromacy



Original Color
6958946

Achromatopsia
4605510

Achromatomaly
5455440

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6958946 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 #6A2F62 looks like.

```
.text, #text, p{  
  color:#6A2F62  
}
```

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 #6A2F62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A2F62
}
```

Border

The CSS property to change the border of an element to Decimal 6958946 is called "border". The border property can be set on classes, ids or directly on the HTML element.

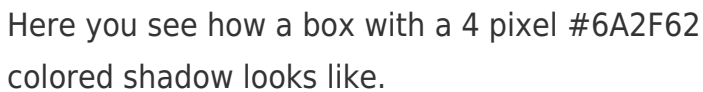
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A2F62 }
```

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

```
.border{ border-color:#6A2F62 }
```

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



Here you see how a box with a 4 pixel #6A2F62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A2F62; -webkit-box-shadow:4px 4px  
4px 4px #6A2F62; box-shadow:4px 4px 4px  
4px #6A2F62 }
```

Background

The CSS property to change the background color of an element to Decimal 6958946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A2F62 }
```

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

```
.background{ background-color:#6A2F62 }
```

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](#).

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