Converting Colors

Decimal(6953529)

Have a look what the booklet for Decimal(6953529) contains.

Decimal(6953529) 3
- ***Conversions*** 4
- ***Details*** 6
- ***Harmonies*** 11
- ***Previews*** 23
- ***Color Blindness Simulation*** 26
- ***CSS Examples*** 29

Color

Decimal(6953529)

Conversions

Format	Color
	Conversions Part 1
Hex	6A1A39
RGB	106, 26, 57
RGB Percent	42%, 10%, 22%
CMY	0.5843, 0.8980, 0.7765
CMYK	0.00, 0.75, 0.46, 0.58
HSL	337°, 61%, 26%
HSV	337°, 75%, 42%
XYZ	7.0518, 4.0984, 4.2903
YIQ	53.4540, 37.7290, 26.6010

Conversions

Conversions Part 2

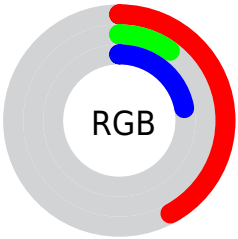
Format	Color
RYB	106, 26, 57
Decimal	6953529
CIELab	23.99, 37.71, 0.90
CIELCh	24, 37.721, 1.365
Yxy	4.0984, 0.4567, 0.2654
Android (android.graphics.Color)	4285143609 (0xFF6A1A39)
YUV	53.4540, 1.7482, 46.0828
Hunter-Lab	20.2444, 26.7494, 1.6061

Details

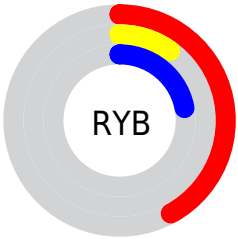
The Decimal color 6953529 is a dark color, and the websafe version is hex 660033. A complement of this color would be 1731147, and the grayscale version is 3487029.

A 20% lighter version of the original color is 10571112, and 3604494 is the 20% darker color. If you saturate the color by 10%, you get 6950707, and if you desaturate by 10%, it is 6956351.

Distribution

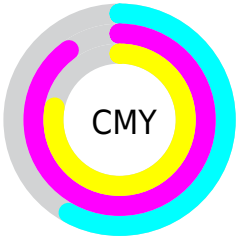


- Red (42%)
- Green (10%)
- Blue (22%)



- Red (42%)
- Yellow (10%)
- Blue (22%)

- Cyan (0%)
- Magenta (75%)
- Yellow (46%)
- Black (58%)



- Cyan (58%)
- Magenta (90%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6953529 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 6953529 by changing the saturation by 10% instead.

6953529

16777215

10571112

12412545

14319771

16227254

16758737

16765933

16773119

6953529

6953529

5242916

3604494

1572865

0

6953529

6950707

6948140

6946857

6956351

6958918

6961740

6964307

6967129

6969952

6972518

6975341

6977907

Harmonies

Analogous

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

6038357

6953529

6889501

Triad

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

6953529

2637824

17259

Complementary

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

6953529

1731147

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.

18006

6953529

17436

Square

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

6953529

4536320

17978

15474

Rectangle

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

6953529

6301964

17978

17509

Sweetspot

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

6953529

9071222

4856426

4534841

12895428

4539717

Same Dimension

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

6953529

9047101

6955546

3551282

7667757

16056415

Inverse Universe

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

6953529

9047101

1729130

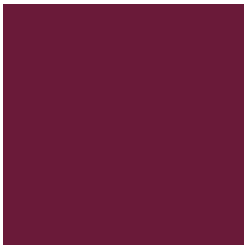
3551282

7667757

16056415

Previews

White Background

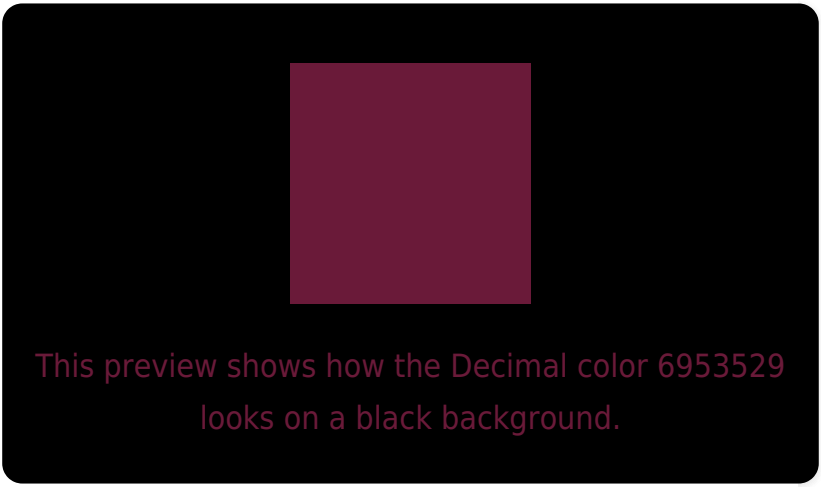


This preview shows how the Decimal color 6953529 looks on a white background.

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

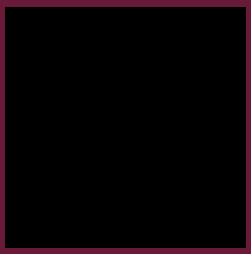


Color Contrast Check

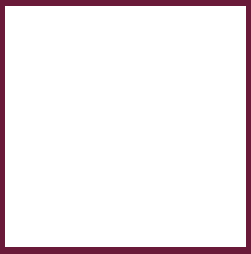
Large Text (above 18pt) WCAG AA × Fail
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

Decimal 6953529 Background



This preview shows how black text looks on a background with the Decimal color 6953529.



This preview shows how white text looks on a background with the Decimal color 6953529.

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
6953529

Protanopia
3553868

Deuteranopia
4340021

Tritanopia
6889506

Trichromacy

Original Color
6953529

Protanomaly
4795973

Deuteranomaly
5320246

Tritanomaly
6889002

Monochromacy

Original Color
6953529

Achromatopsia
3487029

Achromatomaly
4729654

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6953529 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 #6A1A39 looks like.

```
.text, #text, p{
    color:#6A1A39
}
```

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 #6A1A39 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A1A39
}
```

Border

The CSS property to change the border of an element to Decimal 6953529 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
#6A1A39 }
```

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

```
.border{ border-color:#6A1A39 }
```

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

Here you see how a box with a 4 pixel #6A1A39 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px #6A1A39; -webkit-box-shadow:4px 4px 4px 4px #6A1A39; box-shadow:4px 4px 4px 4px #6A1A39 }
```

Background

The CSS property to change the background color of an element to Decimal 6953529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:#6A1A39 }
```

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

```
.background{ background-color:#6A1A39 }
```

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