

Converting Colors

Decimal(6900900)

Have a look what the booklet for
Decimal(6900900) contains.

Decimal(6900900)	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(6900900)

Conversions

Conversions Part 1

Format	Color
Hex	694CA4
RGB	105, 76, 164
RGB Percent	41%, 30%, 64%
CMY	0.5882, 0.7020, 0.3569
CMYK	0.36, 0.54, 0.00, 0.36
HSL	260°, 37%, 47%
HSV	260°, 54%, 64%
XYZ	15.1110, 10.8525, 36.4203
YIQ	94.7030, -10.9640, 33.5160

Conversions

Conversions Part 2

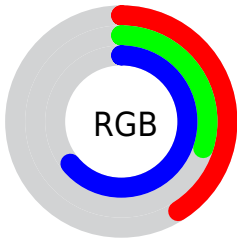
Format	Color
R _{YB}	105, 76, 164
Decimal	6900900
CIE Lab	39.33, 32.37, -43.43
CIE LCh	39, 54.170, 306.697
Yxy	10.8525, 0.2422, 0.1740
Android (android.graphics.Color)	4285090980 (0xFF694CA4)
YUV	94.7030, 34.1634, 9.0305
Hunter-Lab	32.9431, 24.2274, -42.4879

Details

The Decimal color **6900900** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **8889420**, and the grayscale version is **6184542**.

A 20% lighter version of the original color is **10452700**, and **3415663** is the 20% darker color. If you saturate the color by 10%, you get **6175908**, and if you desaturate by 10%, it is **7625892**.

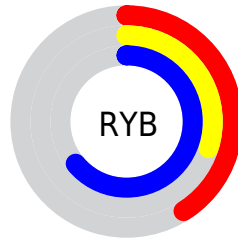
Distribution



Red (41%)

Green (30%)

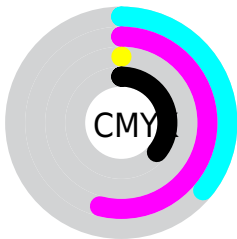
Blue (64%)



Red (41%)

Yellow (30%)

Blue (64%)

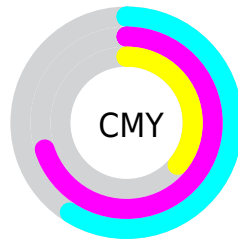


Cyan (36%)

Magenta (54%)

Yellow (0%)

Black (36%)



Cyan (59%)

Magenta (70%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6900900 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 6900900 by changing the saturation by 10% instead.

■ 6900900

■ 6900900

16777215

■ 5191049

■ 10452700

■ 3415663

■ 12294392

■ 1574998

■ 14201855

■ 65599

■ 16109567

■ 808

■ 16772095

■ 273

■ 0

■ 6900900

■ 6900900

■ 6175908

■ 7625892

■ 5450660

■ 8351140

■ 4725668

■ 9076132

■ 4000420

■ 9801380

■ 3539108

■ 10526372

■ 11251364

■ 11976612

■ 12701604

■ 13426852

Harmonies

Analogous

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



24501



6900900



9975168

Triad

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



6900900



9129216



28774

Complementary

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



6900900



8889420

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.



28216



6900900



6774272

Square

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



6900900



10696746



3696902



28817

Rectangle

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



6900900



10955619



3696902



28758

Sweetspot

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



6900900



12563670



5015716



6117227



15461355



7039851

Same Dimension

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



6900900



8015318



9718948



4999506



3145873



393234

Inverse Universe

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



10767495



14044585



6071372



5392719



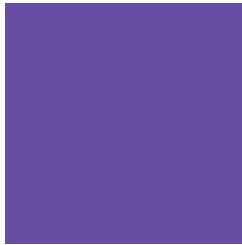
9502817



1179660

Previews

White Background



This preview shows how the Decimal color 6900900 looks on a white background.

Color Contrast Check

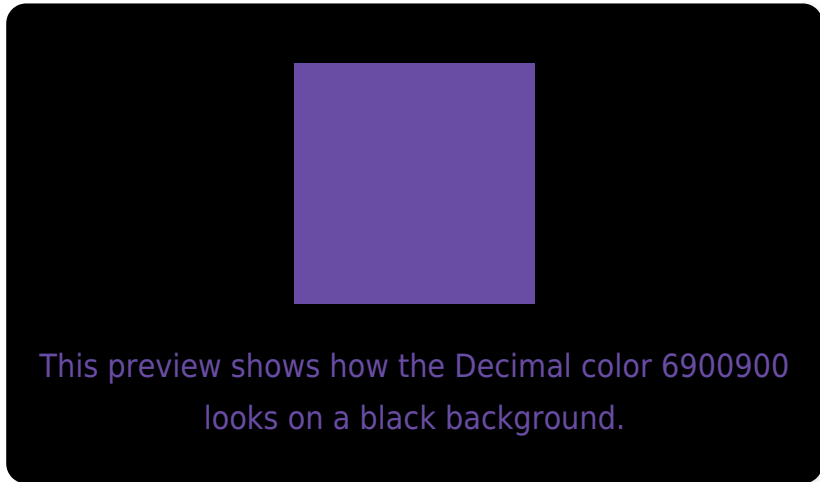
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

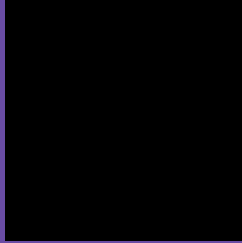
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Decimal 6900900 Background



This preview shows how black text looks on a background with the Decimal color 6900900.



This preview shows how white text looks on a background with the Decimal color 6900900.

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
5987428

Trichromacy



Original Color
6900900

Protanomaly
4281773

Deuteranomaly
4216737

Tritanomaly
6313595

Monochromacy



Original Color
6900900

Achromatopsia
6250335

Achromatomaly
6510712

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6900900 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 #694CA4 looks like.

```
.text, #text, p{  
    color:#694CA4  
}
```

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 #694CA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #694CA4
}
```

Border

The CSS property to change the border of an element to Decimal 6900900 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
#694CA4 }
```

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

```
.border{ border-color:#694CA4 }
```

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

Here you see how a box with a 4 pixel #694CA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #694CA4; -webkit-box-shadow:4px 4px  
4px 4px #694CA4; box-shadow:4px 4px 4px  
4px #694CA4 }
```

Background

The CSS property to change the background color of an element to Decimal 6900900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#694CA4 }
```

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

```
.background{ background-color:#694CA4 }
```

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