

Converting Colors

Decimal(6947042)

Have a look what the booklet for
Decimal(6947042) contains.

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Color

Decimal(6947042)

Conversions

Conversions Part 1

Format	Color
Hex	6A00E2
RGB	106, 0, 226
RGB Percent	42%, 0%, 89%
CMY	0.5843, 1.0000, 0.1137
CMYK	0.53, 1.00, 0.00, 0.11
HSL	268°, 100%, 44%
HSV	268°, 100%, 89%
XYZ	19.6713, 8.5552, 72.5660
YIQ	57.4580, -9.3700, 92.7580

Conversions

Conversions Part 2

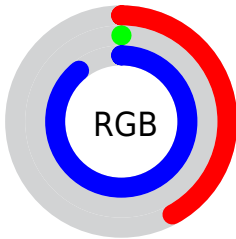
Format	Color
R_{YB}	106, 0, 226
Decimal	6947042
CIE _{Lab}	35.11, 75.44, -86.57
CIE _{LCh}	35, 114.830, 311.070
Yxy	8.5552, 0.1952, 0.0849
Android (android.graphics.Color)	4285137122 (0xFF6A00E2)
YUV	57.4580, 83.0912, 42.5713
Hunter-Lab	29.2492, 68.8627, -126.6215

Details

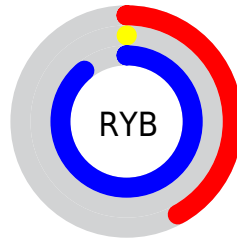
The Decimal color **6947042** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **7922176**, and the grayscale version is **3750201**.

A 20% lighter version of the original color is **11095551**, and **1638569** is the 20% darker color. If you saturate the color by 10%, you get **6947042**, and if you desaturate by 10%, it is **7739362**.

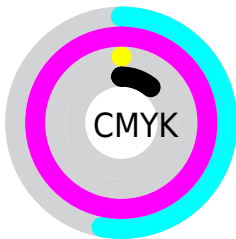
Distribution



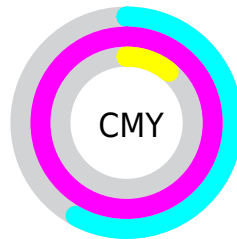
- Red (42%)
- Green (0%)
- Blue (89%)



- Red (42%)
- Yellow (0%)
- Blue (89%)



- Cyan (53%)
- Magenta (100%)
- Yellow (0%)
- Black (11%)



- Cyan (58%)
- Magenta (100%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6947042 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 6947042 by changing the saturation by 10% instead.

6947042

6947042

16777215

4718789

11095551

1638569

13134335

141

15173119

115

16753151

1113

16760575

1856

16767999

810

16775679

276

0

6947042

7739362

8531426

9323746

10115810

10908130

11700450

12492514

13284834

14076898

Harmonies

Analogous

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



23295



6947042



13435025

Triad

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



6947042



9581568



28532

Complementary

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



6947042



7922176

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.



27655



6947042



4610560

Square

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



6947042



13107200



26624



29389

Rectangle

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



6947042



14745685



26624



28244

Sweetspot

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



6947042



14070783



31202



6771328



0



8421504

Same Dimension

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



6947042



7864575



14287074



6972784



5439664



1507376

Inverse Universe

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



14811256



16711815



582144



7365995



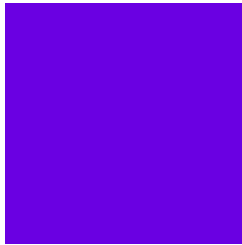
11534429



3145754

Previews

White Background



This preview shows how the Decimal color 6947042 looks on a white background.

Color Contrast Check

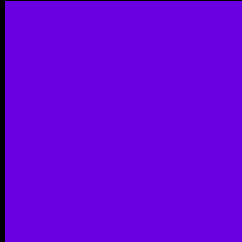
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the Decimal color 6947042 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

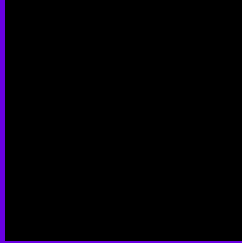
Any Text WCAG AA × Fail

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 6947042 Background



This preview shows how black text looks on a background with the Decimal color 6947042.

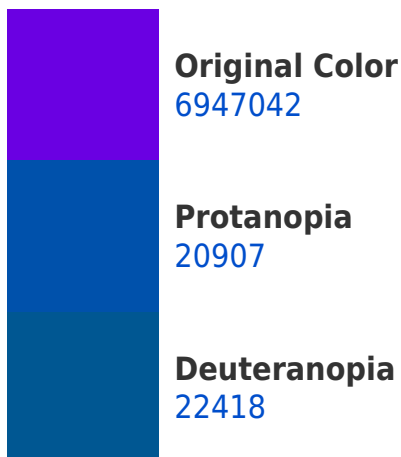



This preview shows how white text looks on a background with the Decimal color 6947042.

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
4216927

Trichromacy



Original Color
6947042



Protanomaly
2569407



Deuteranomaly
2570159



Tritanomaly
5191823

Monochromacy



Original Color
6947042



Achromatopsia
3750201



Achromatomaly
4924534

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6947042 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 #6A00E2 looks like.

```
.text, #text, p{  
  color:#6A00E2  
}
```

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 #6A00E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A00E2
}
```

Border

The CSS property to change the border of an element to Decimal 6947042 is called "border". The border property can be set on classes, ids or directly on the HTML element.

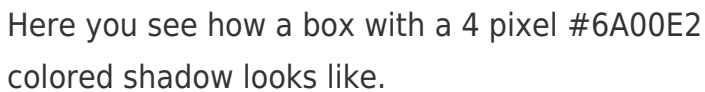
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A00E2 }
```

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

```
.border{ border-color:#6A00E2 }
```

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



Here you see how a box with a 4 pixel #6A00E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A00E2; -webkit-box-shadow:4px 4px  
4px 4px #6A00E2; box-shadow:4px 4px 4px  
4px #6A00E2 }
```

Background

The CSS property to change the background color of an element to Decimal 6947042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A00E2 }
```

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

```
.background{ background-color:#6A00E2 }
```

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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