

Converting Colors

Decimal(6947005)

Have a look what the booklet for
Decimal(6947005) contains.

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Color

Decimal(6947005)

Conversions

Conversions Part 1

Format	Color
Hex	6A00BD
RGB	106, 0, 189
RGB Percent	42%, 0%, 74%
CMY	0.5843, 1.0000, 0.2588
CMYK	0.44, 1.00, 0.00, 0.26
HSL	274°, 100%, 37%
HSV	274°, 100%, 74%
XYZ	15.1292, 6.7383, 48.6473
YIQ	53.2400, 2.5070, 81.2510

Conversions

Conversions Part 2

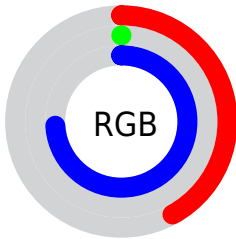
Format	Color
R _Y B	106, 0, 189
Decimal	6947005
CIE Lab	31.20, 67.51, -71.51
CIE LCh	31, 98.344, 313.352
Yxy	6.7383, 0.2146, 0.0956
Android (android.graphics.Color)	4285137085 (0xFF6A00BD)
YUV	53.2400, 66.9297, 46.2705
Hunter-Lab	25.9582, 58.6078, -92.9424

Details

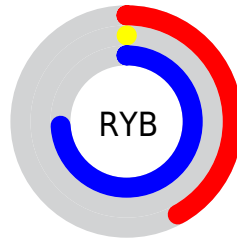
The Decimal color **6947005** is a dark color, and the websafe version is hex **6600CC**. A complement of this color would be **5487872**, and the grayscale version is **3487029**.

A 20% lighter version of the original color is **10832375**, and **2752646** is the 20% darker color. If you saturate the color by 10%, you get **6947005**, and if you desaturate by 10%, it is **7476157**.

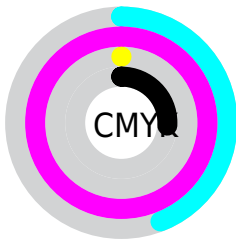
Distribution



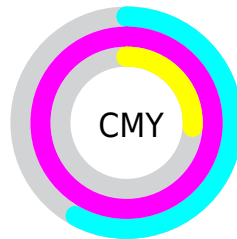
- Red (42%)
- Green (0%)
- Blue (74%)



- Red (42%)
- Yellow (0%)
- Blue (74%)



- Cyan (44%)
- Magenta (100%)
- Yellow (0%)
- Black (26%)





















- Cyan (58%)
- Magenta (100%)
- Yellow (26%)
- Black (16%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6947005 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 6947005 by changing the saturation by 10% instead.

 6947005	 6947005
 16777215	 4980897
 10832375	 2752646
 12805631	 108
 14778623	 83
 16751871	 1594
 16759039	 548
 16766463	 11
 16773887	 0

 6947005

■ 7476157

■ 8070845

■ 8599997

■ 9129149

■ 9723837

■ 10252733

■ 10781885

■ 11311037

■ 11905725

Harmonies

Analogous

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



19686



6947005



11796600

Triad

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



6947005



8139776



25452

Complementary

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



6947005



5487872

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.



24599



6947005



3821824

Square

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



6947005



11206656



23552



25781

Rectangle

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



6947005



12779589



23552



25169

Sweetspot

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



6947005



14003189



21949



6770298



16448250



8026746

Same Dimension

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



6947005



8978677



12386484



5920094



5832862



1114143

Inverse Universe

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



12386387



16056428



48393



6182233



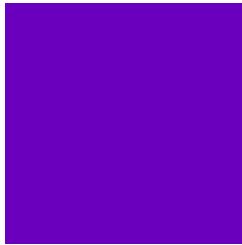
10354757



2031629

Previews

White Background



This preview shows how the Decimal color 6947005 looks on a white background.

Color Contrast Check

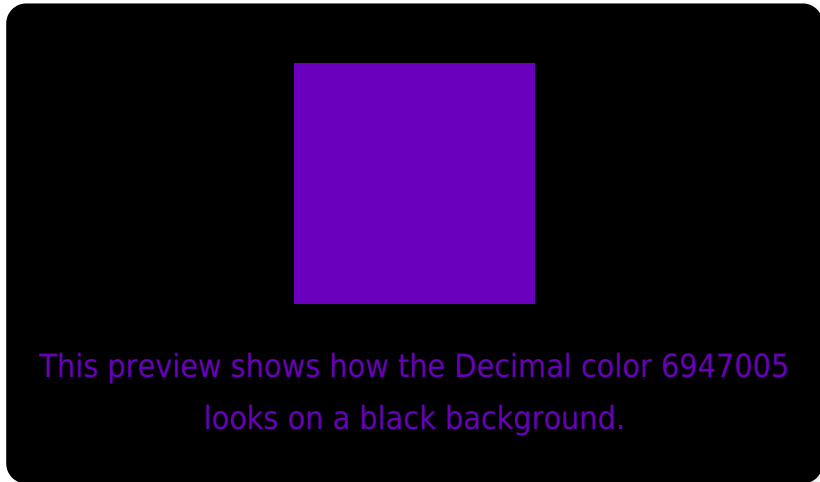
Large Text (above 18pt) WCAG AA ✓ Pass

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 6947005 Background



This preview shows how black text looks on a background with the Decimal color 6947005.

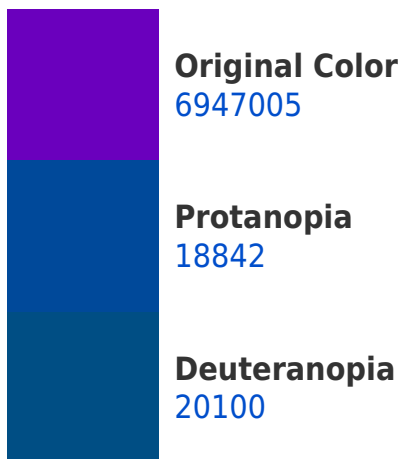



This preview shows how white text looks on a background with the Decimal color 6947005.

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
5261903

Trichromacy



Original Color
6947005



Protanomaly
2567847



Deuteranomaly
2568857



Tritanomaly
5844855

Monochromacy



Original Color
6947005



Achromatopsia
3487029



Achromatomaly
4727398

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6947005 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 #6A00BD looks like.

```
.text, #text, p{  
    color:#6A00BD  
}
```

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 #6A00BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A00BD }  
}
```

Border

The CSS property to change the border of an element to Decimal 6947005 is called "border". The border property can be set on classes, ids or directly on the HTML element.

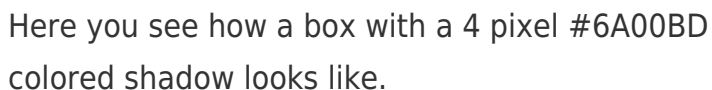
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #6A00BD }  
}
```

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

```
.border{ border-color:#6A00BD }
```

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



Here you see how a box with a 4 pixel #6A00BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A00BD; -webkit-box-shadow:4px 4px  
4px 4px #6A00BD; box-shadow:4px 4px 4px  
4px #6A00BD }
```

Background

The CSS property to change the background color of an element to Decimal 6947005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A00BD }
```

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

```
.background{ background-color:#6A00BD }
```

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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