

Converting Colors

Decimal(6962305)

Have a look what the booklet for
Decimal(6962305) contains.

Decimal(6962305)	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(6962305)

Conversions

Conversions Part 1

Format	Color
Hex	6A3C81
RGB	106, 60, 129
RGB Percent	42%, 24%, 51%
CMY	0.5843, 0.7647, 0.4941
CMYK	0.18, 0.53, 0.00, 0.49
HSL	280°, 37%, 37%
HSV	280°, 53%, 51%
XYZ	11.5222, 7.8809, 21.6828
YIQ	81.6200, 5.2670, 31.2110

Conversions

Conversions Part 2

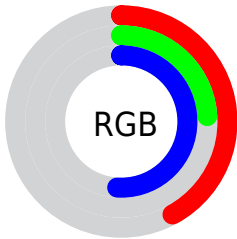
Format	Color
R_{YB}	106, 60, 129
Decimal	6962305
CIE _{Lab}	33.73, 33.09, -31.04
CIE _{LCh}	34, 45.373, 316.826
Yxy	7.8809, 0.2804, 0.1918
Android (android.graphics.Color)	4285152385 (0xFF6A3C81)
YUV	81.6200, 23.3583, 21.3813
Hunter-Lab	28.0729, 24.1356, -26.1430

Details

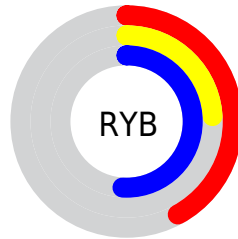
The Decimal color **6962305** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **5472572**, and the grayscale version is **5329233**.

A 20% lighter version of the original color is **10448310**, and **3673423** is the 20% darker color. If you saturate the color by 10%, you get **6696833**, and if you desaturate by 10%, it is **7227777**.

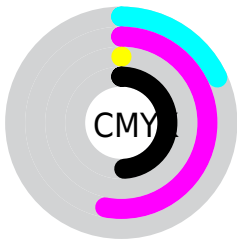
Distribution



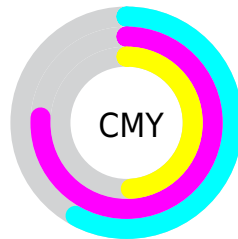
- Red (42%)
- Green (24%)
- Blue (51%)



- Red (42%)
- Yellow (24%)
- Blue (51%)



- Cyan (18%)
- Magenta (53%)
- Yellow (0%)
- Black (49%)



- Cyan (58%)
- Magenta (76%)
- Yellow (49%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6962305 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 6962305 by changing the saturation by 10% instead.

6962305

6962305

16777215

5317992

10448310

3673423

12224466

2162744

14131950

34

16039423

7

16767487

0

16774911

6962305

6962305

6696833

7227777

6365825

7558785

6100353

7824257

5834881

8089729

5636225

8355201

8685953

8951425

9216897

9547905

Harmonies

Analogous

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



2772373



6962305



8924257

Triad

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



6962305



7161856



24675

Complementary

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



6962305



5472572

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.



24382



6962305



5067776

Square

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



6962305



8730651



2120473



24195

Rectangle

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



6962305



9382217



2120473



24663

Sweetspot

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



6962305



10456488



3953537



5194836



13948116



5526612

Same Dimension

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



6962305



8666536



8469621



4077888



5570688



0

Inverse Universe

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



8469587



11025760



3965256



4208956



8388651



0

Previews

White Background



This preview shows how the Decimal color 6962305 looks on a white background.

Color Contrast Check

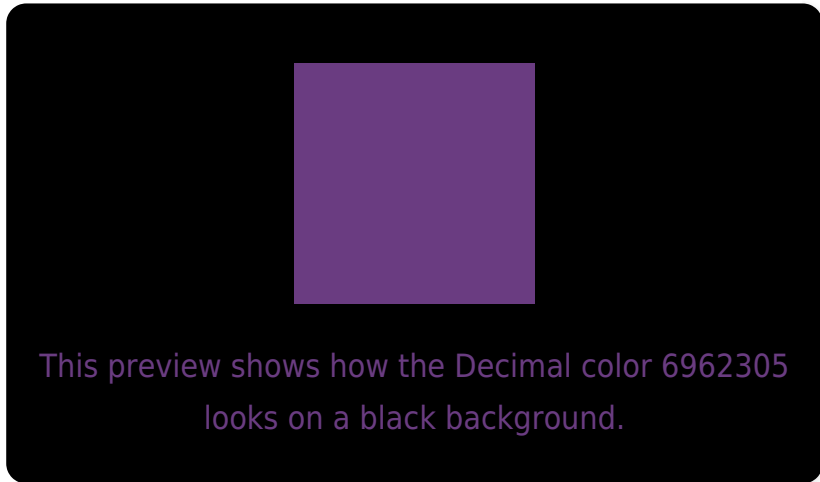
Large Text (above 18pt) WCAG AA ✓ Pass

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

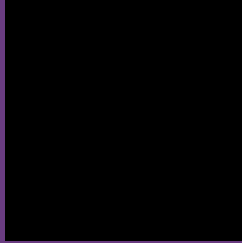
Any Text WCAG AA × Fail

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 6962305 Background



This preview shows how black text looks on a background with the Decimal color 6962305.




This preview shows how white text looks on a background with the Decimal color 6962305.

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
6441294

Trichromacy



Original Color
6962305

Protanomaly
4474764

Deuteranomaly
4868478

Tritanomaly
6636641

Monochromacy



Original Color
6962305

Achromatopsia
5395026

Achromatomaly
5982819

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6962305 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 #6A3C81 looks like.

```
.text, #text, p{  
    color:#6A3C81  
}
```

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 #6A3C81 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A3C81
}
```

Border

The CSS property to change the border of an element to Decimal 6962305 is called "border". The border property can be set on classes, ids or directly on the HTML element.

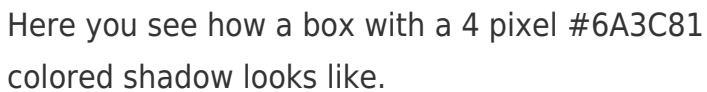
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A3C81 }
```

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

```
.border{ border-color:#6A3C81 }
```

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



Here you see how a box with a 4 pixel #6A3C81 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A3C81; -webkit-box-shadow:4px 4px  
4px 4px #6A3C81; box-shadow:4px 4px 4px  
4px #6A3C81 }
```

Background

The CSS property to change the background color of an element to Decimal 6962305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A3C81 }
```

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

```
.background{ background-color:#6A3C81 }
```

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