

Converting Colors

Decimal(6970230)

Have a look what the booklet for
Decimal(6970230) contains.

Decimal(6970230)	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(6970230)

Conversions

Conversions Part 1

Format	Color
Hex	6A5B76
RGB	106, 91, 118
RGB Percent	42%, 36%, 46%
CMY	0.5843, 0.6431, 0.5373
CMYK	0.10, 0.23, 0.00, 0.54
HSL	273°, 13%, 41%
HSV	273°, 23%, 46%
XYZ	12.9550, 11.8543, 18.7449
YIQ	98.5630, 0.2730, 11.5770

Conversions

Conversions Part 2

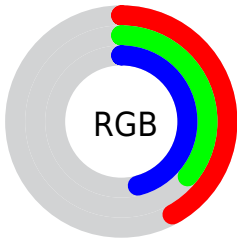
Format	Color
R_{YB}	106, 91, 118
Decimal	6970230
CIE _{Lab}	40.98, 11.70, -13.01
CIE _{LCh}	41, 17.497, 311.957
Yxy	11.8543, 0.2974, 0.2722
Android (android.graphics.Color)	4285160310 (0xFF6A5B76)
YUV	98.5630, 9.5824, 6.5222
Hunter-Lab	34.4301, 6.9111, -8.1782

Details

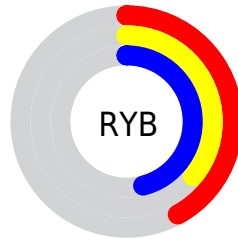
The Decimal color **6970230** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **6780507**, and the grayscale version is **6447714**.

A 20% lighter version of the original color is **10325418**, and **3812678** is the 20% darker color. If you saturate the color by 10%, you get **6639478**, and if you desaturate by 10%, it is **7300982**.

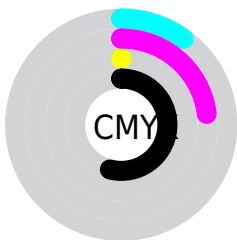
Distribution



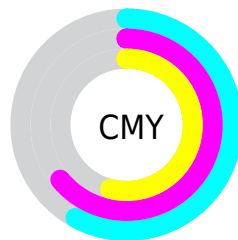
- Red (42%)
- Green (36%)
- Blue (46%)



- Red (42%)
- Yellow (36%)
- Blue (46%)



- Cyan (10%)
- Magenta (23%)
- Yellow (0%)
- Black (54%)



- Cyan (58%)
- Magenta (64%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6970230 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 6970230 by changing the saturation by 10% instead.



6970230



6970230

16777215



5391197



10325418



3812678



12101829



2365487



13943777



1114139



15851518



0



16776191



6970230



6970230



6639478



7300982



6308726



7631734

■ 5912694

■ 8027766

■ 5581942

■ 8358518

■ 5251190

■ 8689270

■ 4920438

■ 9020022

■ 4524150

■ 9416310

■ 4325494

■ 9746806

■ 10077558

Harmonies

Analogous

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



5726332



6970230



7886698

Triad

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



6970230



7560518



3696998

Complementary

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



6970230



6780507

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.



4548695



6970230



6644292

Square

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



6970230



8149070



5596747



3631219

Rectangle

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



6970230



8214112



5596747



3959137

Sweetspot

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



6970230



9735833



5990262



4867661



13421772



5066061

Same Dimension

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



6970230



8876185



7756661



3683643



4456570



9109754

Inverse Universe

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



7756647



10055810



5994076



3880247



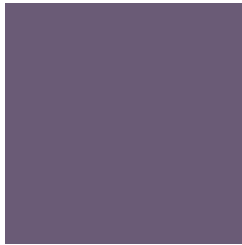
7995446



16384111

Previews

White Background



This preview shows how the Decimal color 6970230 looks on a white background.

Color Contrast Check

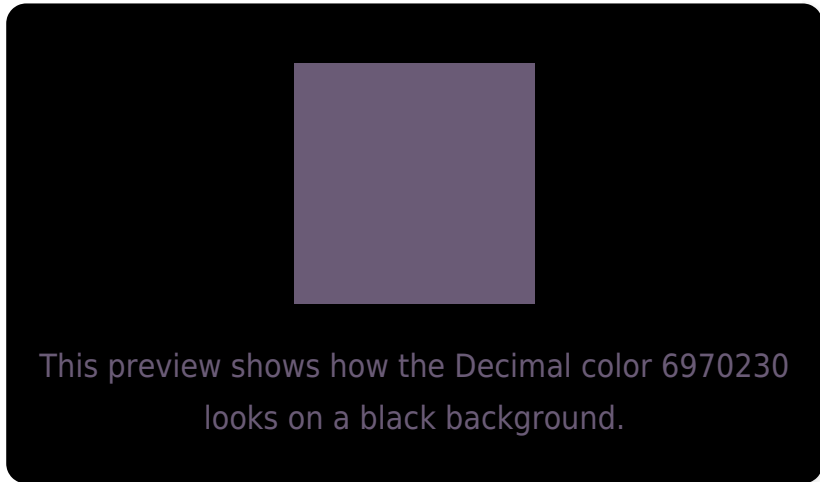
Large Text (above 18pt) WCAG AA ✓ Pass

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

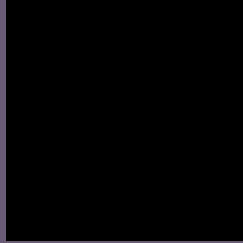
Any Text WCAG AA × Fail

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 6970230 Background



This preview shows how black text looks on a background with the Decimal color 6970230.



This preview shows how white text looks on a background with the Decimal color 6970230.

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
6970230

Protanopia
5922937

Deuteranopia
6315893



Tritanopia
6774373

Trichromacy



Original Color
6970230

Protanomaly
6315640

Deuteranomaly
6577781

Tritanomaly
6839659

Monochromacy



Original Color
6970230

Achromatopsia
6513507

Achromatomaly
6709354

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6970230 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 #6A5B76 looks like.

```
.text, #text, p{  
    color:#6A5B76  
}
```

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 #6A5B76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A5B76
}
```

Border

The CSS property to change the border of an element to Decimal 6970230 is called "border". The border property can be set on classes, ids or directly on the HTML element.

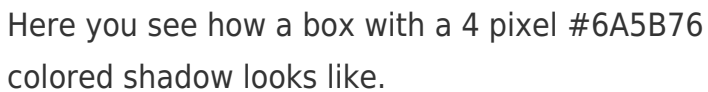
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A5B76 }
```

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

```
.border{ border-color:#6A5B76 }
```

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



Here you see how a box with a 4 pixel #6A5B76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A5B76; -webkit-box-shadow:4px 4px  
4px 4px #6A5B76; box-shadow:4px 4px 4px  
4px #6A5B76 }
```

Background

The CSS property to change the background color of an element to Decimal 6970230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A5B76 }
```

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

```
.background{ background-color:#6A5B76 }
```

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