

Converting Colors

Decimal(6976174)

Have a look what the booklet for
Decimal(6976174) contains.

Decimal(6976174)	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(6976174)

Conversions

Conversions Part 1

Format	Color
Hex	6A72AE
RGB	106, 114, 174
RGB Percent	42%, 45%, 68%
CMY	0.5843, 0.5529, 0.3176
CMYK	0.39, 0.34, 0.00, 0.32
HSL	233°, 30%, 55%
HSV	233°, 39%, 68%
XYZ	19.6012, 18.1548, 42.5155
YIQ	118.4480, -24.0280, 16.9640

Conversions

Conversions Part 2

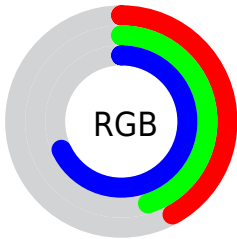
Format	Color
R_{YB}	106, 113, 174
Decimal	6976174
CIE _{Lab}	49.68, 12.29, -32.93
CIE _{LCh}	50, 35.152, 290.460
Yxy	18.1548, 0.2442, 0.2262
Android (android.graphics.Color)	4285166254 (0xFF6A72AE)
YUV	118.4480, 27.3871, -10.9169
Hunter-Lab	42.6084, 7.5506, -29.3348

Details

The Decimal color **6976174** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **11445866**, and the grayscale version is **7763574**.

A 20% lighter version of the original color is **10528486**, and **3555961** is the 20% darker color. If you saturate the color by 10%, you get **5858222**, and if you desaturate by 10%, it is **8094126**.

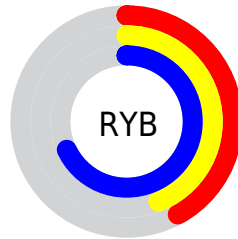
Distribution



Red (42%)

Green (45%)

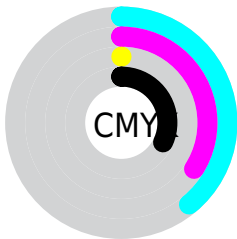
Blue (68%)



Red (42%)

Yellow (44%)

Blue (68%)

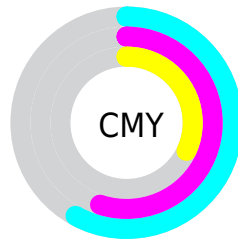


Cyan (39%)

Magenta (34%)

Yellow (0%)

Black (32%)



Cyan (58%)

Magenta (55%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6976174 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 6976174 by changing the saturation by 10% instead.

■ 6976174

■ 6976174

16777215

■ 5266067

■ 10528486

■ 3555961

■ 12304895

■ 1780832

■ 14212607

■ 6216

■ 16120319

■ 49

■ 283

■ 0

■ 6976174

■ 6976174

■ 5858222

■ 8094126

■ 4674478

■ 9277870

■ 3556526

■ 10395822

■ 2373038

■ 11579310

■ 1254830

■ 12697518

■ 136878

■ 13815470

■ 5294

■ 14998958

■ 16117166

■ 16776366

Harmonies

Analogous

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



2981041



6976174



9594780

Triad

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



6976174



10905161



2131307

Complementary

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



6976174



11445866

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.



5407055



6976174



9531706

Square

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



6976174



11493219



7633724



34186

Rectangle

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



6976174



10707339



7633724



3441761

Sweetspot

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



6976174



13159395



6991525



6514035



15921906



7566195

Same Dimension

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



6976174



7898595



8612526



5132119



4758



791

Inverse Universe

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



11430514



14907525



9809514



5721679



9830418



1507331

Previews

White Background



This preview shows how the Decimal color 6976174 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



This preview shows how the Decimal color 6976174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

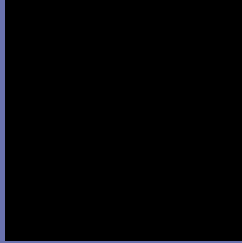
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Decimal 6976174 Background



This preview shows how black text looks on a background with the Decimal color 6976174.



This preview shows how white text looks on a background with the Decimal color 6976174.

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

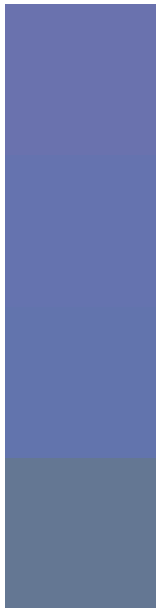


Original Color
6976174

Protanopia
6452400

Deuteranopia
6190509

Trichromacy



Original Color
6976174

Protanomaly
6648751

Deuteranomaly
6452397

Tritanomaly
6584211

Monochromacy



Original Color
6976174

Achromatopsia
7763574

Achromatomaly
7501194

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6976174 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 #6A72AE looks like.

```
.text, #text, p{  
  color:#6A72AE  
}
```

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 #6A72AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A72AE
}
```

Border

The CSS property to change the border of an element to Decimal 6976174 is called "border". The border property can be set on classes, ids or directly on the HTML element.

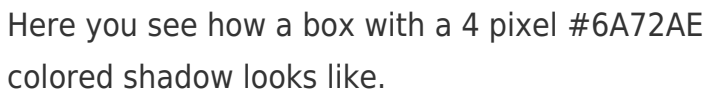
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A72AE }
```

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

```
.border{ border-color:#6A72AE }
```

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



Here you see how a box with a 4 pixel #6A72AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A72AE; -webkit-box-shadow:4px 4px  
4px 4px #6A72AE; box-shadow:4px 4px 4px  
4px #6A72AE }
```

Background

The CSS property to change the background color of an element to Decimal 6976174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A72AE }
```

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

```
.background{ background-color:#6A72AE }
```

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