

Converting Colors

Decimal(6974356)

Have a look what the booklet for
Decimal(6974356) contains.

Decimal(6974356)	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(6974356)

Conversions

Conversions Part 1

Format	Color
Hex	6A6B94
RGB	106, 107, 148
RGB Percent	42%, 42%, 58%
CMY	0.5843, 0.5804, 0.4196
CMYK	0.28, 0.28, 0.00, 0.42
HSL	239°, 17%, 50%
HSV	239°, 28%, 58%
XYZ	16.5468, 15.7177, 30.1787
YIQ	111.3750, -13.7570, 12.5390

Conversions

Conversions Part 2

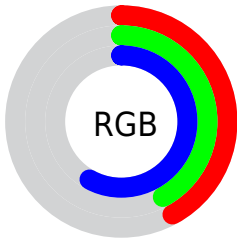
Format	Color
R _Y B	106, 107, 148
Decimal	6974356
CIE Lab	46.60, 9.35, -22.47
CIE LCh	47, 24.334, 292.600
Yxy	15.7177, 0.2650, 0.2517
Android (android.graphics.Color)	4285164436 (0xFF6A6B94)
YUV	111.3750, 18.0561, -4.7139
Hunter-Lab	39.6455, 5.1208, -17.3804

Details

The Decimal color **6974356** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9737066**, and the grayscale version is **7303023**.

A 20% lighter version of the original color is **10395338**, and **3751009** is the 20% darker color. If you saturate the color by 10%, you get **5987732**, and if you desaturate by 10%, it is **7960980**.

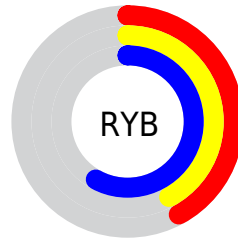
Distribution



Red (42%)

Green (42%)

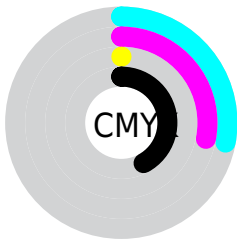
Blue (58%)



Red (42%)

Yellow (42%)

Blue (58%)

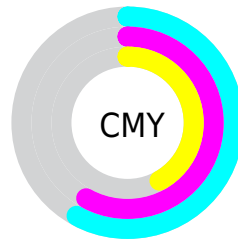


Cyan (28%)

Magenta (28%)

Yellow (0%)

Black (42%)



Cyan (58%)

Magenta (58%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6974356 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 6974356 by changing the saturation by 10% instead.



6974356



6974356

16777215



5329786



10395338



3751009



12171750



2238025



14013951



660018



15921663



541



0



6974356



6974356



5987732



7960980



5000852



8947860

■ 4079764

■ 9868948

■ 3092884

■ 10855828

■ 2106260

■ 11842452

■ 1119380

■ 12829332

■ 132756

■ 13815956

■ 1172

■ 14737300

■ 15723924

Harmonies

Analogous

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



4944535



6974356



8610951

Triad

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



6974356



9463119



3963240

Complementary

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



6974356



9737066

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.



5601109



6974356



8481606

Square

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



6974356



9920608



7172680



2718077

Rectangle

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



6974356



9396347



7172680



4553058

Sweetspot

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



6974356



11447999



6984851



5658209



14737632



6381921

Same Dimension

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



6974356



8290495



8284820



4408138



906



10

Inverse Universe

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



9726571



12549760



8426602



4866883



9043971



655360

Previews

White Background



This preview shows how the Decimal color 6974356 looks on a white background.

Color Contrast Check

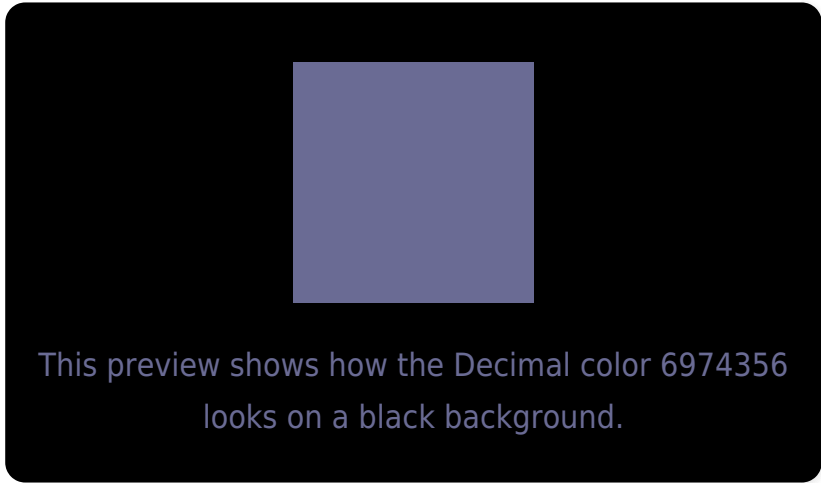
Large Text (above 18pt) WCAG AA ✓ Pass

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 6974356 Background



This preview shows how black text looks on a background with the Decimal color 6974356.



This preview shows how white text looks on a background with the Decimal color 6974356.

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

6974356

Protanopia

6516117

Deuteranopia

6581652

Trichromacy



Original Color
6974356

Protanomaly
6712469

Deuteranomaly
6712468

Tritanomaly
6712963

Monochromacy



Original Color
6974356

Achromatopsia
7303023

Achromatomaly
7171708

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6974356 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 #6A6B94 looks like.

```
.text, #text, p{  
    color:#6A6B94  
}
```

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 #6A6B94 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A6B94
}
```

Border

The CSS property to change the border of an element to Decimal 6974356 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
#6A6B94 }
```

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

```
.border{ border-color:#6A6B94 }
```

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

Here you see how a box with a 4 pixel #6A6B94 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A6B94; -webkit-box-shadow:4px 4px  
4px 4px #6A6B94; box-shadow:4px 4px 4px  
4px #6A6B94 }
```

Background

The CSS property to change the background color of an element to Decimal 6974356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A6B94 }
```

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

```
.background{ background-color:#6A6B94 }
```

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