

Converting Colors

Decimal(7044006)

Have a look what the booklet for
Decimal(7044006) contains.

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Color

Decimal(7044006)

Conversions

Conversions Part 1

Format	Color
Hex	6B7BA6
RGB	107, 123, 166
RGB Percent	42%, 48%, 65%
CMY	0.5804, 0.5176, 0.3490
CMYK	0.36, 0.26, 0.00, 0.35
HSL	224°, 25%, 54%
HSV	224°, 36%, 65%
XYZ	20.0293, 20.0449, 38.8898
YIQ	123.1180, -23.3390, 9.9810

Conversions

Conversions Part 2

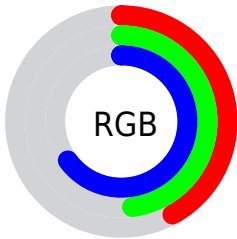
Format	Color
RYB	107, 120, 166
Decimal	7044006
CIELab	51.89, 4.92, -24.85
CIELCh	52, 25.336, 281.197
Yxy	20.0449, 0.2537, 0.2538
Android (android.graphics.Color)	4285234086 (0xFF6B7BA6)
YUV	123.1180, 21.1408, -14.1355
Hunter-Lab	44.7715, 1.5048, -20.1609

Details

The Decimal color **7044006** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **10917483**, and the grayscale version is **8092539**.

A 20% lighter version of the original color is **10530781**, and **3754866** is the 20% darker color. If you saturate the color by 10%, you get **5926822**, and if you desaturate by 10%, it is **8161190**.

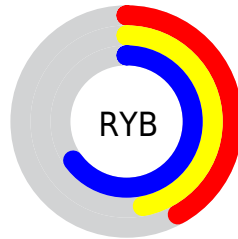
Distribution



Red (42%)

Green (48%)

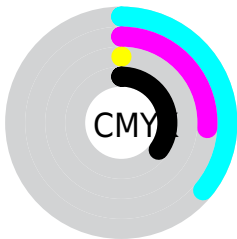
Blue (65%)



Red (42%)

Yellow (47%)

Blue (65%)

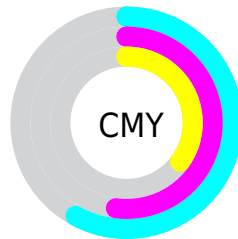


Cyan (36%)

Magenta (26%)

Yellow (0%)

Black (35%)



Cyan (58%)

Magenta (52%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7044006 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 7044006 by changing the saturation by 10% instead.

■ 7044006

■ 7044006

16777215

■ 5399180

■ 10530781

■ 3754866

■ 12372986

■ 2045017

■ 14215167

■ 139074

■ 16056319

■ 1579

■ 278

■ 0

■ 7044006

■ 7044006

■ 5926822

■ 8161190

■ 4875174

■ 9212838

■ 3757990

■ 10330022

■ 2706342

■ 11381670

■ 1589158

■ 12498854

■ 471718

■ 13616294

■ 11686

■ 14667942

■ 15785126

■ 16771238

Harmonies

Analogous

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



4883108



7044006



9008028

Triad

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



7044006



10776416



5343085

Complementary

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



7044006



10917483

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.



7045978



7044006



9926227

Square

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



7044006



10972020



8617297



3836035

Rectangle

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



7044006



9990033



8617297



5867110

Sweetspot

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



7044006



12699609



7054997



6251374



15592941



7237230

Same Dimension

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



7044006



8164825



7891878



5000788



10388



1556

Inverse Universe

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



10906491



14253205



10069611



5524558



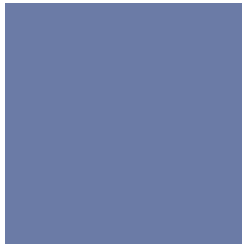
9699368



1310726

Previews

White Background



This preview shows how the Decimal color 7044006 looks on a white 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

Black Background



This preview shows how the Decimal color 7044006 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

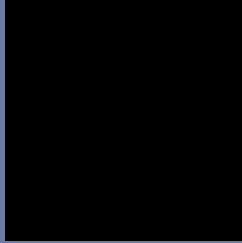
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

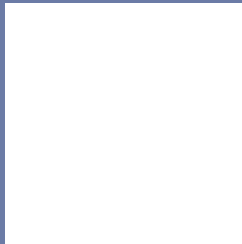
Any Text WCAG AAA × Fail

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

Decimal 7044006 Background



This preview shows how black text looks on a background with the Decimal color 7044006.



This preview shows how white text looks on a background with the Decimal color 7044006.

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

7044006

Protanopia

7305893

Deuteranopia

7371430

Trichromacy



Original Color
7044006

Protanomaly
7240357

Deuteranomaly
7240358

Tritanomaly
6782612

Monochromacy



Original Color
7044006

Achromatopsia
8092539

Achromatomaly
7699339

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7044006 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 #6B7BA6 looks like.

```
.text, #text, p{  
  color:#6B7BA6  
}
```

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 #6B7BA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B7BA6
}
```

Border

The CSS property to change the border of an element to Decimal 7044006 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".

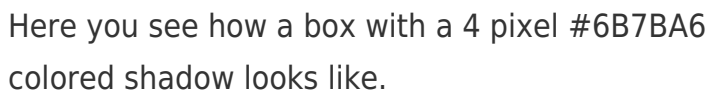
```
.border, #border, table{ border:4px solid
#6B7BA6 }
```

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

```
.border{ border-color:#6B7BA6 }
```

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

Here you see how a box with a 4 pixel #6B7BA6 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B7BA6; -webkit-box-shadow:4px 4px  
4px 4px #6B7BA6; box-shadow:4px 4px 4px  
4px #6B7BA6 }
```

Background

The CSS property to change the background color of an element to Decimal 7044006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B7BA6 }
```

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

```
.background{ background-color:#6B7BA6 }
```

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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