

Converting Colors

Decimal(6836644)

Have a look what the booklet for
Decimal(6836644) contains.

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Color

Decimal(6836644)

Conversions

Conversions Part 1

Format	Color
Hex	6851A4
RGB	104, 81, 164
RGB Percent	41%, 32%, 64%
CMY	0.5922, 0.6824, 0.3569
CMYK	0.37, 0.51, 0.00, 0.36
HSL	257°, 34%, 48%
HSV	257°, 51%, 64%
XYZ	15.3522, 11.5083, 36.5341
YIQ	97.3390, -12.9350, 30.6890

Conversions

Conversions Part 2

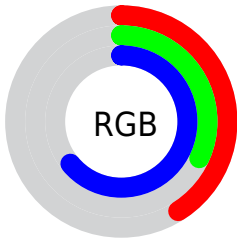
Format	Color
RYB	104, 81, 164
Decimal	6836644
CIELab	40.42, 29.09, -41.69
CIElCh	40, 50.842, 304.907
Yxy	11.5083, 0.2422, 0.1815
Android (android.graphics.Color)	4285026724 (0xFF6851A4)
YUV	97.3390, 32.8639, 5.8417
Hunter-Lab	33.9238, 21.4133, -40.1055

Details

The Decimal color **6836644** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **9282641**, and the grayscale version is **6381921**.

A 20% lighter version of the original color is **10388443**, and **3416944** is the 20% darker color. If you saturate the color by 10%, you get **6046116**, and if you desaturate by 10%, it is **7627172**.

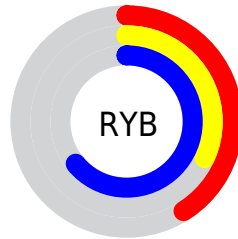
Distribution



Red (41%)

Green (32%)

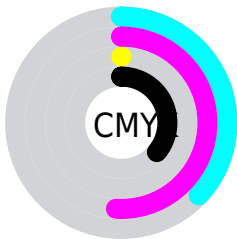
Blue (64%)



Red (41%)

Yellow (32%)

Blue (64%)

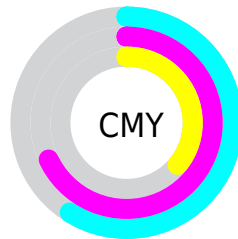


Cyan (37%)

Magenta (51%)

Yellow (0%)

Black (36%)



Cyan (59%)

Magenta (68%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6836644 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 6836644 by changing the saturation by 10% instead.



6836644



6836644

16777215



5126793



10388443



3416944



12230136



1510999



14072063



65599



15979775



808



16773375



274



0



6836644



6836644



6046116



7627172

■ 5255332

■ 8417956

■ 4464804

■ 9208484

■ 3739556

■ 9933732

■ 2949284

■ 10724260

■ 11514788

■ 12305572

■ 13096100

■ 13886884

Harmonies

Analogous

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



25267



6836644



9846147

Triad

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



6836644



9326604



29285

Complementary

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



6836644



9282641

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.



28730



6836644



7168000

Square

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



6836644



10763570



4286992



29326

Rectangle

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



6836644



10826856



4286992



29271

Sweetspot

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



6836644



12564182



5344932



6117483



15461355



7039851

Same Dimension

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



6836644



7886038



9523620



4999506



2621585



327698

Inverse Universe

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



10768781



14046386



6595665



5392719



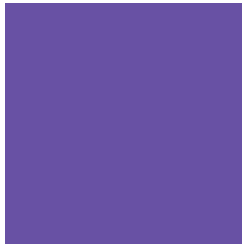
9502825



1179661

Previews

White Background



This preview shows how the Decimal color 6836644 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 6836644 looks on a 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 6836644 Background



This preview shows how black text looks on a background with the Decimal color 6836644.

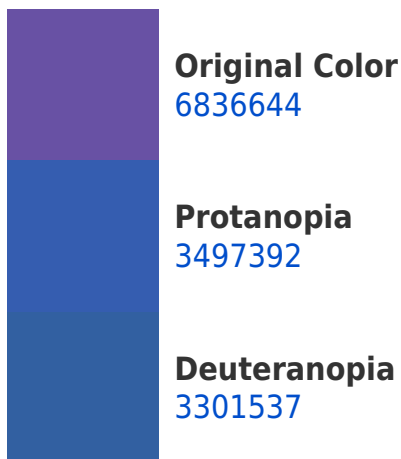


This preview shows how white text looks on a background with the Decimal color 6836644.

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
5988455

Trichromacy



Original Color
6836644

Protanomaly
4741548

Deuteranomaly
4610978

Tritanomaly
6314877

Monochromacy



Original Color
6836644

Achromatopsia
6381921

Achromatomaly
6577017

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6836644 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 #6851A4 looks like.

```
.text, #text, p{  
    color:#6851A4  
}
```

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 #6851A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6851A4
}
```

Border

The CSS property to change the border of an element to Decimal 6836644 is called "border". The border property can be set on classes, ids or directly on the HTML element.

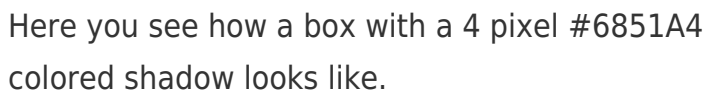
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6851A4 }
```

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

```
.border{ border-color:#6851A4 }
```

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



Here you see how a box with a 4 pixel #6851A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6851A4; -webkit-box-shadow:4px 4px  
4px 4px #6851A4; box-shadow:4px 4px 4px  
4px #6851A4 }
```

Background

The CSS property to change the background color of an element to Decimal 6836644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6851A4 }
```

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

```
.background{ background-color:#6851A4 }
```

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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