

Converting Colors

Decimal(6836084)

Have a look what the booklet for
Decimal(6836084) contains.

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Color

Decimal(6836084)

Conversions

Conversions Part 1

| Format | Color |
|---------------|--------------------------|
| Hex | 684F74 |
| RGB | 104, 79, 116 |
| RGB Percent | 41%, 31%, 45% |
| CMY | 0.5922, 0.6902, 0.5451 |
| CMYK | 0.10, 0.32, 0.00, 0.55 |
| HSL | 281°, 19%, 38% |
| HSV | 281°, 32%, 45% |
| XYZ | 11.6573, 9.7960, 17.7994 |
| YIQ | 90.6930, 3.0230, 16.8070 |

Conversions

Conversions Part 2

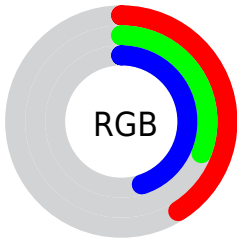
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 104, 79, 116 |
| Decimal | 6836084 |
| CIE _{Lab} | 37.47, 17.93, -17.16 |
| CIE _{LCh} | 37, 24.820, 316.259 |
| Yxy | 9.7960, 0.2970, 0.2496 |
| Android (android.graphics.Color) | 4285026164 (0xFF684F74) |
| YUV | 90.6930, 12.4764, 11.6702 |
| Hunter-Lab | 31.2985, 11.7108, -11.8091 |

Details

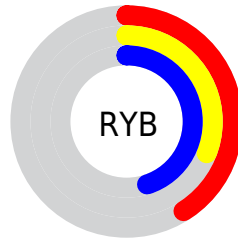
The Decimal color **6836084** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **5993551**, and the grayscale version is **5987163**.

A 20% lighter version of the original color is **10256552**, and **3678788** is the 20% darker color. If you saturate the color by 10%, you get **6570868**, and if you desaturate by 10%, it is **7101300**.

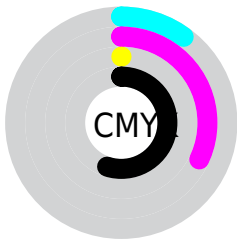
Distribution



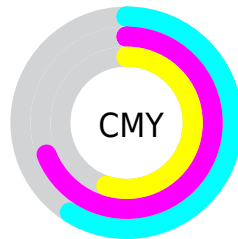
- Red (41%)
- Green (31%)
- Blue (45%)



- Red (41%)
- Yellow (31%)
- Blue (45%)



- Cyan (10%)
- Magenta (32%)
- Yellow (0%)
- Black (55%)



- Cyan (59%)
- Magenta (69%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6836084 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 6836084 by changing the saturation by 10% instead.

6836084

6836084

16777215

5257307

10256552

3678788

12032963

2231597

13809119

262169

15716860

0

16772607

6836084

6836084

6570868

7101300

6305908

7366260

6106228

7565940

5841268

7830900

5576052

8096116

5310836

8361332

5111924

8560756

8825972

9090932

Harmonies

Analogous

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



5068414



6836084



7948642

Triad

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



6836084



7164977



222051

Complementary

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



6836084



5993551

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.



2712142



6836084



5921329

Square

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



6836084



8015164



4480828



24949

Rectangle

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



6836084



8276053



4480828



1205084

Sweetspot

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



6836084



9602966



5200756



4866893



13421772



5066061

Same Dimension

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



6836084



8674710



7622510



3749179



5439610



11075834

Inverse Universe

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



7622491



9854320



5207125



3880247



7995432



16384081

Previews

White Background



This preview shows how the Decimal color 6836084 looks on a white background.

Color Contrast Check

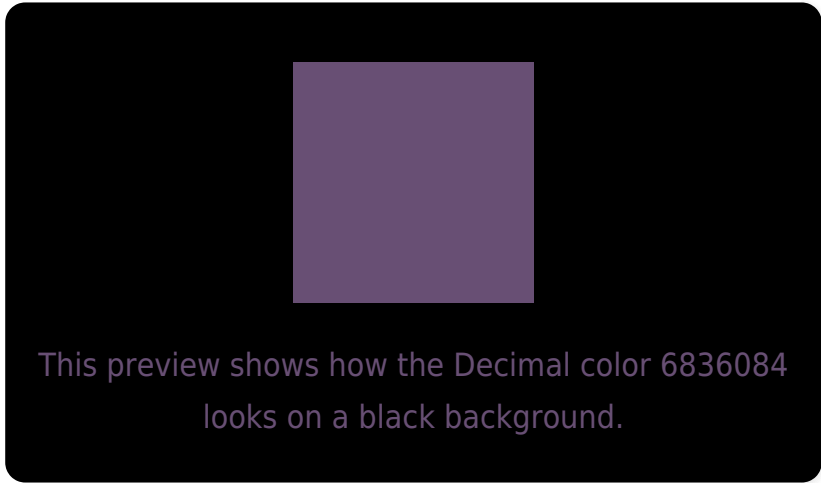
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

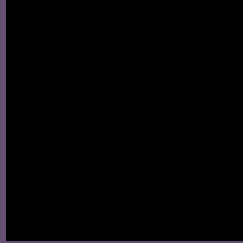
Any Text WCAG AA × Fail

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 6836084 Background



This preview shows how black text looks on a background with the Decimal color 6836084.



This preview shows how white text looks on a background with the Decimal color 6836084.

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
6836084

Protanopia
5134202

Deuteranopia
5461874



Tritanopia
6575195

Trichromacy



Original Color
6836084

Protanomaly
5723256

Deuteranomaly
5985395

Tritanomaly
6640228

Monochromacy



Original Color
6836084

Achromatopsia
5987163

Achromatomaly
6313828

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6836084 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 #684F74 looks like.

```
.text, #text, p{  
  color:#684F74  
}
```

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 #684F74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #684F74
}
```

Border

The CSS property to change the border of an element to Decimal 6836084 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
#684F74 }
```

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

```
.border{ border-color:#684F74 }
```

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

Here you see how a box with a 4 pixel #684F74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #684F74; -webkit-box-shadow:4px 4px  
4px 4px #684F74; box-shadow:4px 4px 4px  
4px #684F74 }
```

Background

The CSS property to change the background color of an element to Decimal 6836084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#684F74 }
```

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

```
.background{ background-color:#684F74 }
```

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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