

Converting Colors

Decimal(6831604)

Have a look what the booklet for
Decimal(6831604) contains.

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Color

Decimal(6831604)

Conversions

Conversions Part 1

Format	Color
Hex	683DF4
RGB	104, 61, 244
RGB Percent	41%, 24%, 96%
CMY	0.5922, 0.7608, 0.0431
CMYK	0.57, 0.75, 0.00, 0.04
HSL	254°, 89%, 60%
HSV	254°, 75%, 96%
XYZ	23.7068, 12.8122, 86.8115
YIQ	94.7190, -33.1150, 66.0290

Conversions

Conversions Part 2

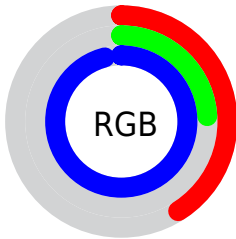
Format	Color
RYB	104, 61, 244
Decimal	6831604
CIELab	42.48, 62.67, -84.63
CIELCh	42, 105.308, 306.523
Yxy	12.8122, 0.1922, 0.1039
Android (android.graphics.Color)	4285021684 (0xFF683DF4)
YUV	94.7190, 73.5955, 8.1394
Hunter-Lab	35.7941, 55.5825, -118.7401

Details

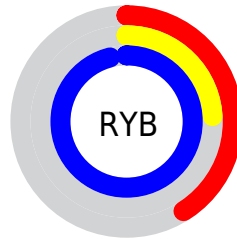
The Decimal color **6831604** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed purple. A complement of this color would be **13235261**, and the grayscale version is **6184542**.

A 20% lighter version of the original color is **11039231**, and **917690** is the 20% darker color. If you saturate the color by 10%, you get **5580276**, and if you desaturate by 10%, it is **8082932**.

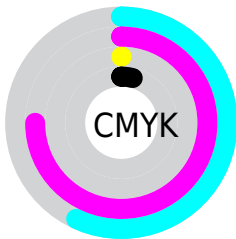
Distribution



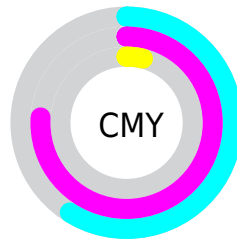
- Red (41%)
- Green (24%)
- Blue (96%)



- Red (41%)
- Yellow (24%)
- Blue (96%)



- Cyan (57%)
- Magenta (75%)
- Yellow (0%)
- Black (4%)



- Cyan (59%)
- Magenta (76%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6831604 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 6831604 by changing the saturation by 10% instead.

 6831604

 6831604

16777215


 4530903

 11039231

 917690

 13077759

 158

 15116543

 131

 16762111

 105

 16769279

 2640

 16776703

 1336

 545

 7

■ 6831604

■ 6831604

■ 5580276

■ 8082932

■ 4394228

■ 9268980

■ 3735796

■ 10520308

■ 11771892

■ 12957684

■ 14209012

■ 15460596

■ 16646132

■ 16777204

Harmonies

Analogous

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



28159



6831604



13828268

Triad

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



6831604



11485440



33398

Complementary

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



6831604



13235261

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.



32527



6831604



6973440

Square

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



6831604



14614528



30976



33996

Rectangle

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



6831604



15466611



30976



33367

Sweetspot

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



6831604



13812991



4049396



6577280



0



8421504

Same Dimension

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



6831604



5183999



12795380



7433850



2883770



917563

Inverse Universe

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



16006601



16718281



7271485



8023672



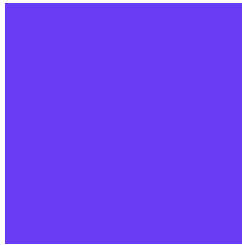
12189838



3866669

Previews

White Background



This preview shows how the Decimal color 6831604 looks on a white background.

Color Contrast Check

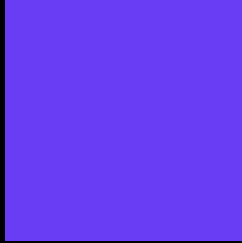
Large Text (above 18pt) WCAG AA ✓ Pass

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 6831604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

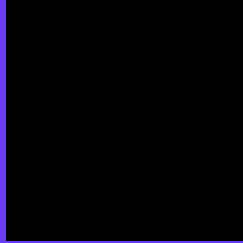
Any Text WCAG AA × Fail

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 6831604 Background



This preview shows how black text looks on a background with the Decimal color 6831604.



This preview shows how white text looks on a background with the Decimal color 6831604.

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



Trichromacy



Original Color
6831604



Protanomaly
2511834



Tritanomaly
4742051

Monochromacy



Original Color
6831604



Achromatopsia
6250335



Achromatomaly
6443925

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6831604 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 #683DF4 looks like.

```
.text, #text, p{  
    color:#683DF4  
}
```

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 #683DF4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #683DF4
}
```

Border

The CSS property to change the border of an element to Decimal 6831604 is called "border". The border property can be set on classes, ids or directly on the HTML element.

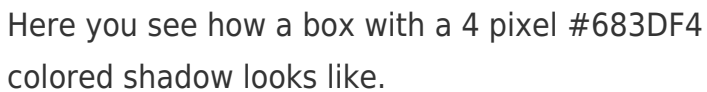
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#683DF4 }
```

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

```
.border{ border-color:#683DF4 }
```

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



Here you see how a box with a 4 pixel #683DF4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #683DF4; -webkit-box-shadow:4px 4px  
4px 4px #683DF4; box-shadow:4px 4px 4px  
4px #683DF4 }
```

Background

The CSS property to change the background color of an element to Decimal 6831604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#683DF4 }
```

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

```
.background{ background-color:#683DF4 }
```

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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