

Converting Colors

Decimal(6881476)

Have a look what the booklet for
Decimal(6881476) contains.

Decimal(6881476)	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(6881476)

Conversions

Conversions Part 1

Format	Color
Hex	6900C4
RGB	105, 0, 196
RGB Percent	41%, 0%, 77%
CMY	0.5882, 1.0000, 0.2314
CMYK	0.46, 1.00, 0.00, 0.23
HSL	272°, 100%, 38%
HSV	272°, 100%, 77%
XYZ	15.7895, 6.9888, 52.7413
YIQ	53.7390, -0.3360, 83.2160

Conversions

Conversions Part 2

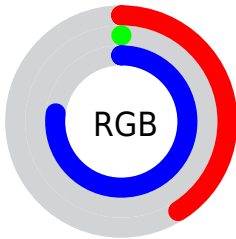
Format	Color
R_{YB}	105, 0, 196
Decimal	6881476
CIE _{Lab}	31.78, 68.91, -74.69
CIE _{LCh}	32, 101.620, 312.694
Yxy	6.9888, 0.2091, 0.0925
Android (android.graphics.Color)	4285071556 (0xFF6900C4)
YUV	53.7390, 70.1347, 44.9559
Hunter-Lab	26.4363, 60.3485, -99.7802

Details

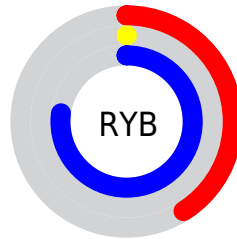
The Decimal color **6881476** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **6013952**, and the grayscale version is **3487029**.

A 20% lighter version of the original color is **10832382**, and **2490509** is the 20% darker color. If you saturate the color by 10%, you get **6881476**, and if you desaturate by 10%, it is **7476420**.

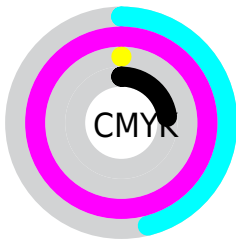
Distribution



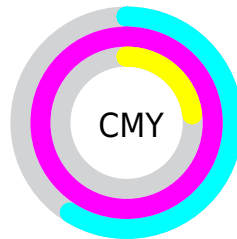
- Red (41%)
- Green (0%)
- Blue (77%)



- Red (41%)
- Yellow (0%)
- Blue (77%)



- Cyan (46%)
- Magenta (100%)
- Yellow (0%)
- Black (23%)



- Cyan (59%)
- Magenta (100%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6881476 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 6881476 by changing the saturation by 10% instead.

 6881476

 6881476

16777215

 4849832

 10832382

 2490509

 12805631

 114

 14778879

 89

 16752127

 1856

 16759295

 809

 16766719

 275

 16774143

 0

 6881476

■ 7476420

■ 8071108

■ 8666052

■ 9260740

■ 9855684

■ 10516164

■ 11110852

■ 11705796

■ 12300484

Harmonies

Analogous

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



20462



6881476



12058748

Triad

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



6881476



8401920



25708

Complementary

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



6881476



6013952

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.



25107



6881476



3953408

Square

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



6881476



11599872



24064



26297

Rectangle

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



6881476



13107272



24064



25681

Sweetspot

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



6881476



14398463



23492



6967936



0



8421504

Same Dimension

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



6881476



8978687



12845245



6051681



5636257



1179681

Inverse Universe

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



12845147



16711798



50183



6379356



10551371



2162703

Previews

White Background



This preview shows how the Decimal color 6881476 looks on a white background.

Color Contrast Check

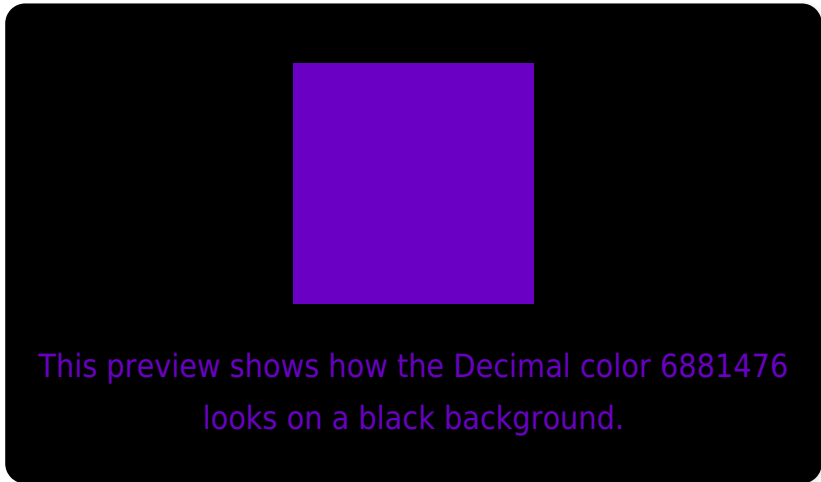
Large Text (above 18pt) WCAG AA ✓ Pass

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 6881476 Background



This preview shows how black text looks on a background with the Decimal color 6881476.



This preview shows how white text looks on a background with the Decimal color 6881476.

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
6881476

Protanopia
19100

Deuteranopia
20358



Tritanopia
5065810

Trichromacy



Original Color

6881476



Protanomaly

2502571



Deuteranomaly

2503325



Tritanomaly

5714043

Monochromacy



Original Color

6881476



Achromatopsia

3552822



Achromatomaly

4792938

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6881476 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 #6900C4 looks like.

```
.text, #text, p{  
    color:#6900C4  
}
```

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 #6900C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6900C4
}
```

Border

The CSS property to change the border of an element to Decimal 6881476 is called "border". The border property can be set on classes, ids or directly on the HTML element.

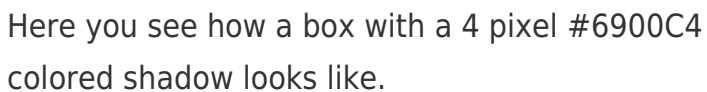
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6900C4 }
```

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

```
.border{ border-color:#6900C4 }
```

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



Here you see how a box with a 4 pixel #6900C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6900C4; -webkit-box-shadow:4px 4px  
4px 4px #6900C4; box-shadow:4px 4px 4px  
4px #6900C4 }
```

Background

The CSS property to change the background color of an element to Decimal 6881476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6900C4 }
```

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

```
.background{ background-color:#6900C4 }
```

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