

Converting Colors

Decimal(7028460)

Have a look what the booklet for
Decimal(7028460) contains.

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Color

Decimal(7028460)

Conversions

Conversions Part 1

Format	Color
Hex	6B3EEC
RGB	107, 62, 236
RGB Percent	42%, 24%, 93%
CMY	0.5804, 0.7569, 0.0745
CMYK	0.55, 0.74, 0.00, 0.07
HSL	256°, 82%, 58%
HSV	256°, 74%, 93%
XYZ	22.9264, 12.6272, 80.5858
YIQ	95.2910, -29.0340, 63.6540

Conversions

Conversions Part 2

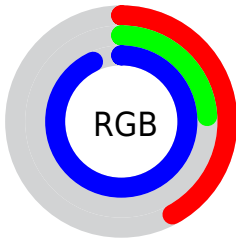
Format	Color
R_{YB}	107, 62, 236
Decimal	7028460
CIE _{Lab}	42.20, 60.40, -80.57
CIE _{LCh}	42, 100.698, 306.857
Yxy	12.6272, 0.1974, 0.1087
Android (android.graphics.Color)	4285218540 (0xFF6B3EEC)
YUV	95.2910, 69.3695, 10.2688
Hunter-Lab	35.5347, 52.9791, -109.5838

Details

The Decimal color **7028460** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark washed purple. A complement of this color would be **12577854**, and the grayscale version is **6250335**.

A 20% lighter version of the original color is **11105023**, and **1966771** is the 20% darker color. If you saturate the color by 10%, you get **5908204**, and if you desaturate by 10%, it is **8148716**.

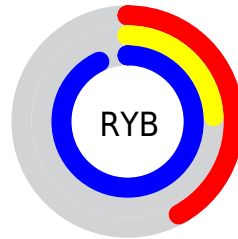
Distribution



Red (42%)

Green (24%)

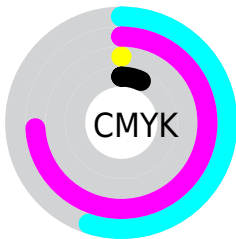
Blue (93%)



Red (42%)

Yellow (24%)

Blue (93%)

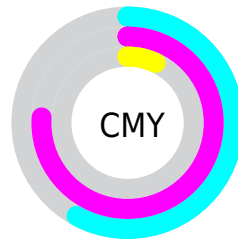


Cyan (55%)

Magenta (74%)

Yellow (0%)

Black (7%)



Cyan (58%)

Magenta (76%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7028460 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 7028460 by changing the saturation by 10% instead.

 7028460


 7028460

16777215

 4793551

 11105023

 1966771

 13143551

 151

 15182079

 124

 16762111

 98

 16769535

 2377

16776959

 1074

 284

 0

■ 7028460

■ 7028460

■ 5908204

■ 8148716

■ 4722668

■ 9334252

■ 3997932

■ 10454508

■ 11640044

■ 12760300

■ 13946092

■ 15066092

■ 16251884

■ 16777196

Harmonies

Analogous

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



27647



7028460



13500583

Triad

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



7028460



11223808



33142

Complementary

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



7028460



12577854

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.



32278



7028460



6907648

Square

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



7028460



14286848



30464



33479

Rectangle

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



7028460



15073392



30464



32856

Sweetspot

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



7028460



14010367



4112620



6774400



0



8421504

Same Dimension

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



7028460



5840895



12599020



7170677



3080373



917558

Inverse Universe

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



15482559



16719813



7007294



7694962



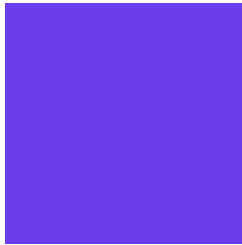
11862150



3538984

Previews

White Background



This preview shows how the Decimal color 7028460 looks on a white background.

Color Contrast Check

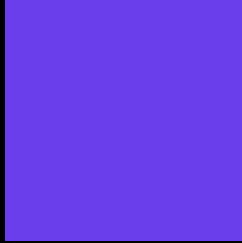
Large Text (above 18pt) WCAG AA ✓ Pass

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 7028460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

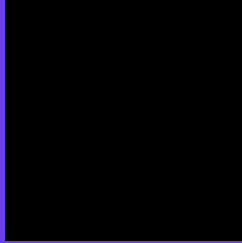
Any Text WCAG AA × Fail

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 7028460 Background



This preview shows how black text looks on a background with the Decimal color 7028460.

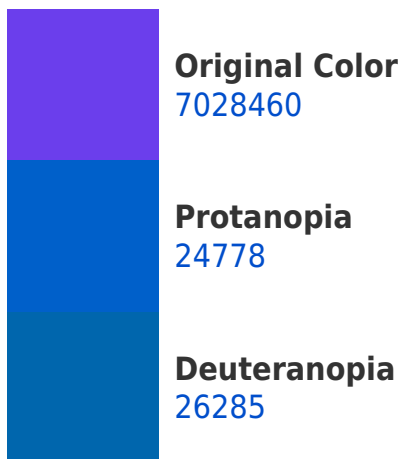


This preview shows how white text looks on a background with the Decimal color 7028460.

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
4287090

Trichromacy



Original Color

7028460



Protanomaly

2577622



Deuteranomaly

2578372



Tritanomaly

5266078

Monochromacy



Original Color

7028460



Achromatopsia

6250335



Achromatomaly

6509458

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7028460 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 #6B3EEC looks like.

```
.text, #text, p{  
    color:#6B3EEC  
}
```

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 #6B3EEC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B3EEC
}
```

Border

The CSS property to change the border of an element to Decimal 7028460 is called "border". The border property can be set on classes, ids or directly on the HTML element.

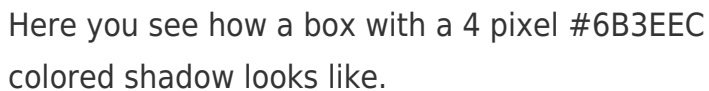
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B3EEC }
```

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

```
.border{ border-color:#6B3EEC }
```

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



Here you see how a box with a 4 pixel #6B3EEC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B3EEC; -webkit-box-shadow:4px 4px  
4px 4px #6B3EEC; box-shadow:4px 4px 4px  
4px #6B3EEC }
```

Background

The CSS property to change the background color of an element to Decimal 7028460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B3EEC }
```

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

```
.background{ background-color:#6B3EEC }
```

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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