

Converting Colors

Decimal(6699972)

Have a look what the booklet for
Decimal(6699972) contains.

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Color

Decimal(6699972)

Conversions

Conversions Part 1

Format	Color
Hex	663BC4
RGB	102, 59, 196
RGB Percent	40%, 23%, 77%
CMY	0.6000, 0.7686, 0.2314
CMYK	0.48, 0.70, 0.00, 0.23
HSL	259°, 54%, 50%
HSV	259°, 70%, 77%
XYZ	17.0073, 9.9382, 53.2464
YIQ	87.4750, -18.3490, 51.7230

Conversions

Conversions Part 2

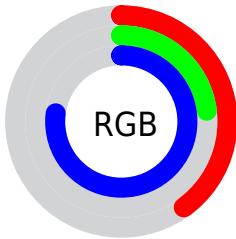
Format	Color
R_{YB}	102, 59, 196
Decimal	6699972
CIE _{Lab}	37.73, 50.15, -64.93
CIE _{LCh}	38, 82.044, 307.683
Yxy	9.9382, 0.2121, 0.1239
Android (android.graphics.Color)	4284890052 (0xFF663BC4)
YUV	87.4750, 53.5028, 12.7384
Hunter-Lab	31.5250, 41.1295, -78.0748

Details

The Decimal color **6699972** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **10077243**, and the grayscale version is **5723991**.

A 20% lighter version of the original color is **10514174**, and **2557325** is the 20% darker color. If you saturate the color by 10%, you get **5842884**, and if you desaturate by 10%, it is **7557060**.

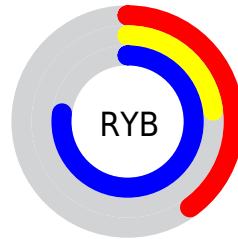
Distribution



Red (40%)

Green (23%)

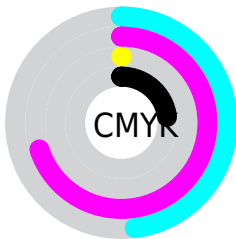
Blue (77%)



Red (40%)

Yellow (23%)

Blue (77%)

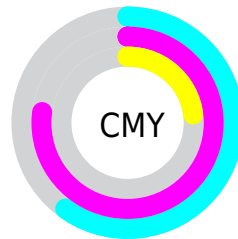


Cyan (48%)

Magenta (70%)

Yellow (0%)

Black (23%)



Cyan (60%)

Magenta (77%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6699972 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 6699972 by changing the saturation by 10% instead.



6699972



6699972

16777215



4727464



10514174



2557325



12421375



115



14394367



89



16367359



1857



16767999



810



16775423



276



0



6699972



6699972

■ 5842884

■ 7557060

■ 4920516

■ 8479428

■ 4063428

■ 9336516

■ 10258884

■ 11115972

■ 12038596

■ 12895428

■ 13818052

■ 14674884

Harmonies

Analogous

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



24288



6699972



11534477

Triad

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



6699972



9715968



29289

Complementary

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



6699972



10077243

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.



28448



6699972



6183936

Square

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



6699972



12124166



26880



29354

Rectangle

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



6699972



12779617



26880



29010

Sweetspot

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



6699972



14338559



3906500



6971520



0



8421504

Same Dimension

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



6699972



7088639



11090884



5920609



3276961



655393

Inverse Universe

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



12860313



16722364



5686331



6379358



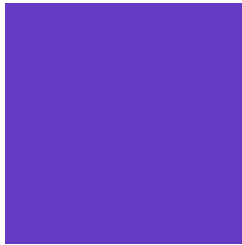
10551406



2162711

Previews

White Background



This preview shows how the Decimal color 6699972 looks on a white background.

Color Contrast Check

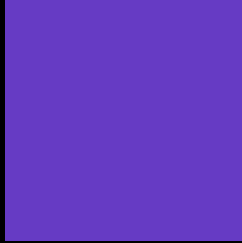
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the Decimal color 6699972 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

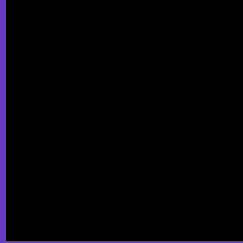
Any Text WCAG AA × Fail

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 6699972 Background



This preview shows how black text looks on a background with the Decimal color 6699972.



This preview shows how white text looks on a background with the Decimal color 6699972.

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
6699972



Protanomaly
2444474



Deuteranomaly
2445227



Tritanomaly
5590918

Monochromacy



Original Color
6699972



Achromatopsia
5723991



Achromatomaly
6049151

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6699972 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 #663BC4 looks like.

```
.text, #text, p{  
    color:#663BC4  
}
```

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 #663BC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #663BC4
}
```

Border

The CSS property to change the border of an element to Decimal 6699972 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".

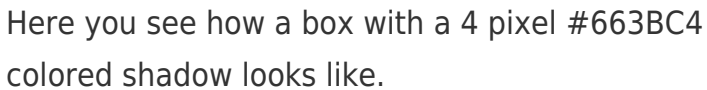
```
.border, #border, table{ border:4px solid
#663BC4 }
```

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

```
.border{ border-color:#663BC4 }
```

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

Here you see how a box with a 4 pixel #663BC4 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #663BC4; -webkit-box-shadow:4px 4px  
4px 4px #663BC4; box-shadow:4px 4px 4px  
4px #663BC4 }
```

Background

The CSS property to change the background color of an element to Decimal 6699972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#663BC4 }
```

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

```
.background{ background-color:#663BC4 }
```

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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