

Converting Colors

Decimal(6499028)

Have a look what the booklet for
Decimal(6499028) contains.

Decimal(6499028)	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(6499028)

Conversions

Conversions Part 1

Format	Color
Hex	632AD4
RGB	99, 42, 212
RGB Percent	39%, 16%, 83%
CMY	0.6118, 0.8353, 0.1686
CMYK	0.53, 0.80, 0.00, 0.17
HSL	260°, 67%, 50%
HSV	260°, 80%, 83%
XYZ	17.8572, 9.0620, 63.0953
YIQ	78.4230, -20.5980, 64.9540

Conversions

Conversions Part 2

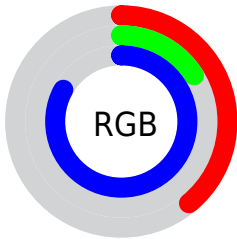
Format	Color
R _Y B	99, 42, 212
Decimal	6499028
CIE Lab	36.10, 61.79, -76.91
CIE LCh	36, 98.653, 308.778
Yxy	9.0620, 0.1984, 0.1007
Android (android.graphics.Color)	4284689108 (0xFF632AD4)
YUV	78.4230, 65.8535, 18.0460
Hunter-Lab	30.1032, 53.2055, -103.1975

Details

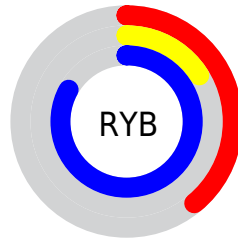
The Decimal color **6499028** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark washed purple. A complement of this color would be **10212394**, and the grayscale version is **5131854**.

A 20% lighter version of the original color is **10510335**, and **1441948** is the 20% darker color. If you saturate the color by 10%, you get **5576148**, and if you desaturate by 10%, it is **7421908**.

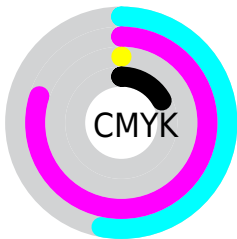
Distribution



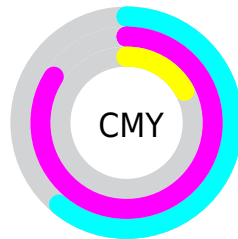
- Red (39%)
- Green (16%)
- Blue (83%)



- Red (39%)
- Yellow (16%)
- Blue (83%)



- Cyan (53%)
- Magenta (80%)
- Yellow (0%)
- Black (17%)



- Cyan (61%)
- Magenta (84%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6499028 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 6499028 by changing the saturation by 10% instead.

6499028

6499028

16777215

4327608

10510335

1441948

12483327

129

14521855

103

16495103

2125

16764415

1334

16771839

543

3

0

■ 6499028

■ 6499028

■ 5576148

■ 7421908

■ 4653268

■ 8344788

■ 9267924

■ 10190804

■ 11113684

■ 12102100

■ 13024980

■ 13948116

■ 14870996

Harmonies

Analogous

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



23543



6499028



12386448

Triad

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



6499028



9713664



28779

Complementary

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



6499028



10212394

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.



27920



6499028



5462528

Square

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



6499028



12648448



26624



29113

Rectangle

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



6499028



13697116



26624



28496

Sweetspot

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



6499028



14074623



2792404



6773632



0



8421504

Same Dimension

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



6499028



6032127



12069588



6578283



3735723



983083

Inverse Universe

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



13904539



16714413



4641834



7037032



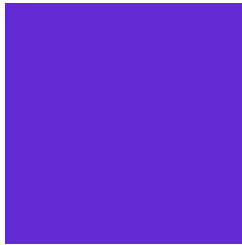
11206770



2818077

Previews

White Background



This preview shows how the Decimal color 6499028 looks on a white background.

Color Contrast Check

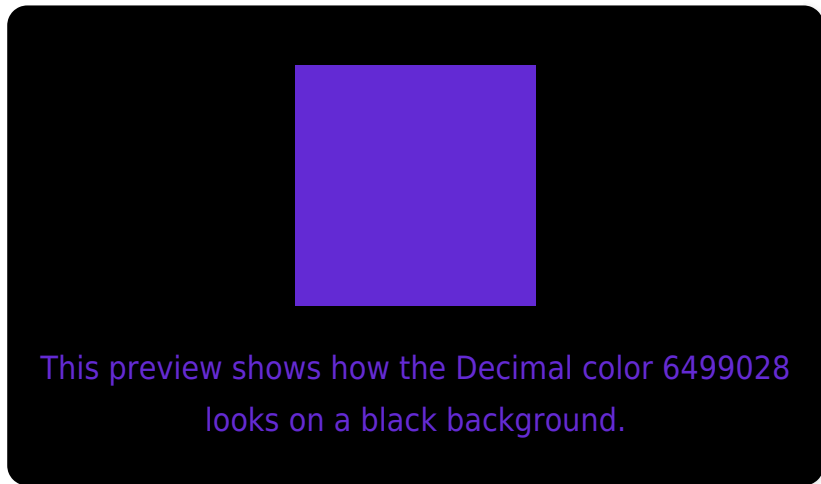
Large Text (above 18pt) WCAG AA ✓ Pass

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

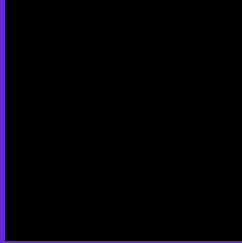
Any Text WCAG AA × Fail

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 6499028 Background



This preview shows how black text looks on a background with the Decimal color 6499028.




This preview shows how white text looks on a background with the Decimal color 6499028.

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
4086113

Trichromacy



Original Color
6499028



Protanomaly
2376635



Deuteranomaly
2377643



Tritanomaly
4933771

Monochromacy



Original Color
6499028



Achromatopsia
5131854



Achromatomaly
5652863

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6499028 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 #632AD4 looks like.

```
.text, #text, p{  
    color:#632AD4  
}
```

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 #632AD4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #632AD4
}
```

Border

The CSS property to change the border of an element to Decimal 6499028 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
#632AD4 }
```

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

```
.border{ border-color:#632AD4 }
```

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

Here you see how a box with a 4 pixel #632AD4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #632AD4; -webkit-box-shadow:4px 4px  
4px 4px #632AD4; box-shadow:4px 4px 4px  
4px #632AD4 }
```

Background

The CSS property to change the background color of an element to Decimal 6499028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#632AD4 }
```

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

```
.background{ background-color:#632AD4 }
```

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