

Converting Colors

Decimal(6432983)

Have a look what the booklet for
Decimal(6432983) contains.

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Color

Decimal(6432983)

Conversions

Conversions Part 1

Format	Color
Hex	6228D7
RGB	98, 40, 215
RGB Percent	38%, 16%, 84%
CMY	0.6157, 0.8431, 0.1569
CMYK	0.54, 0.81, 0.00, 0.16
HSL	260°, 69%, 50%
HSV	260°, 81%, 84%
XYZ	18.0615, 9.0206, 65.0792
YIQ	77.2920, -21.6070, 66.7210

Conversions

Conversions Part 2

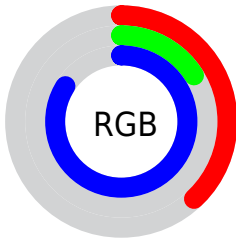
Format	Color
R_{YB}	98, 40, 215
Decimal	6432983
CIE _{Lab}	36.02, 63.22, -78.77
CIE _{LCh}	36, 101.004, 308.748
Yxy	9.0206, 0.1960, 0.0979
Android (android.graphics.Color)	4284623063 (0xFF6228D7)
YUV	77.2920, 67.8900, 18.1609
Hunter-Lab	30.0342, 54.7838, -107.4476

Details

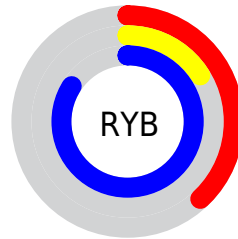
The Decimal color **6432983** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **10344232**, and the grayscale version is **5066061**.

A 20% lighter version of the original color is **10510079**, and **1048735** is the 20% darker color. If you saturate the color by 10%, you get **5510103**, and if you desaturate by 10%, it is **7356119**.

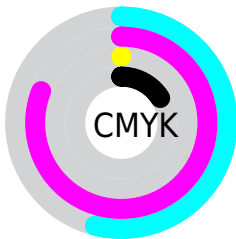
Distribution



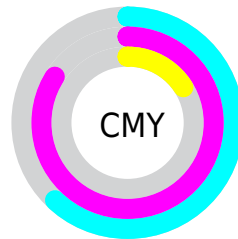
- Red (38%)
- Green (16%)
- Blue (84%)



- Red (38%)
- Yellow (16%)
- Blue (84%)



- Cyan (54%)
- Magenta (81%)
- Yellow (0%)
- Black (16%)



- Cyan (62%)
- Magenta (84%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6432983 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 6432983 by changing the saturation by 10% instead.

6432983

6432983

16777215

4195515

10510079

1048735

12483071

132

14521599

105

16494847

2128

16764159

1336

16771583

546

7

0

■ 6432983

■ 6432983

■ 5510103

■ 7356119

■ 4653271

■ 8344535

■ 9267671

■ 10190551

■ 11179223

■ 12102103

■ 13090775

■ 14013655

■ 14936791

Harmonies

Analogous

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



23803



6432983



12517521

Triad

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



6432983



9778944



28780

Complementary

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



6432983



10344232

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.



27917



6432983



5462528

Square

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



6432983



12779520



26624



29371

Rectangle

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



6432983



13893724



26624



28495

Sweetspot

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



6432983



14074623



2662615



6773632



0



8421504

Same Dimension

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



6432983



5768703



12003543



6578283



3735723



917547

Inverse Universe

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



14100637



16713132



4773672



7037032



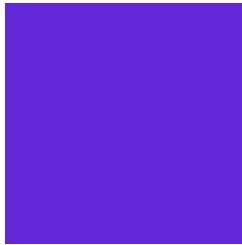
11206770



2818077

Previews

White Background



This preview shows how the Decimal color 6432983 looks on a white background.

Color Contrast Check

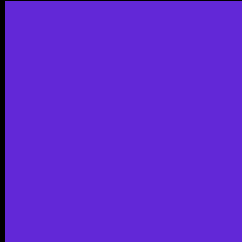
Large Text (above 18pt) WCAG AA ✓ Pass

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 6432983 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

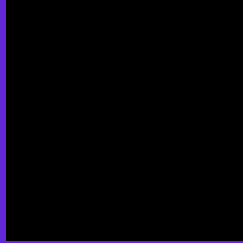
Any Text WCAG AA × Fail

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 6432983 Background



This preview shows how black text looks on a background with the Decimal color 6432983.

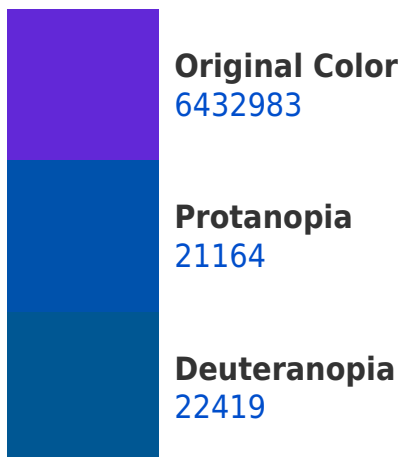


This preview shows how white text looks on a background with the Decimal color 6432983.

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
3824225

Trichromacy



Original Color
6432983



Protanomaly
2376636



Deuteranomaly
2377388



Tritanomaly
4802700

Monochromacy



Original Color
6432983



Achromatopsia
5066061



Achromatomaly
5587071

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6432983 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 #6228D7 looks like.

```
.text, #text, p{  
    color:#6228D7  
}
```

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 #6228D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6228D7
}
```

Border

The CSS property to change the border of an element to Decimal 6432983 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".

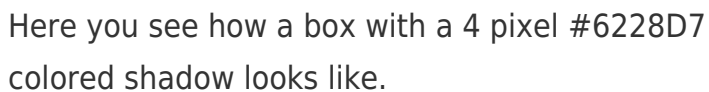
```
.border, #border, table{ border:4px solid
#6228D7 }
```

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

```
.border{ border-color:#6228D7 }
```

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

Here you see how a box with a 4 pixel #6228D7 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6228D7; -webkit-box-shadow:4px 4px  
4px 4px #6228D7; box-shadow:4px 4px 4px  
4px #6228D7 }
```

Background

The CSS property to change the background color of an element to Decimal 6432983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6228D7 }
```

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

```
.background{ background-color:#6228D7 }
```

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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