

Converting Colors

Decimal(7485138)

Have a look what the booklet for
Decimal(7485138) contains.

Decimal(7485138)	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(7485138)

Conversions

Conversions Part 1

Format	Color
Hex	7236D2
RGB	114, 54, 210
RGB Percent	45%, 21%, 82%
CMY	0.5529, 0.7882, 0.1765
CMYK	0.46, 0.74, 0.00, 0.18
HSL	263°, 63%, 52%
HSV	263°, 74%, 82%
XYZ	19.8915, 10.8689, 62.0223
YIQ	89.7240, -14.3160, 61.2360

Conversions

Conversions Part 2

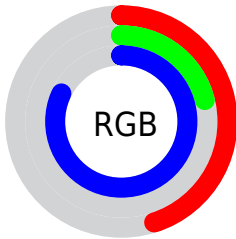
Format	Color
R_{YB}	114, 54, 210
Decimal	7485138
CIE _{Lab}	39.36, 58.24, -70.34
CIE _{LCh}	39, 91.325, 309.623
Yxy	10.8689, 0.2144, 0.1171
Android (android.graphics.Color)	4285675218 (0xFF7236D2)
YUV	89.7240, 59.2961, 21.2901
Hunter-Lab	32.9680, 50.0052, -88.4640

Details

The Decimal color **7485138** 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 **9884214**, and the grayscale version is **5855577**.

A 20% lighter version of the original color is **11365119**, and **3342490** is the 20% darker color. If you saturate the color by 10%, you get **6627794**, and if you desaturate by 10%, it is **8342482**.

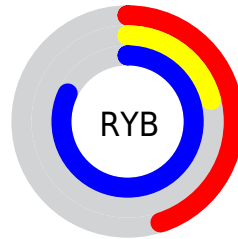
Distribution



Red (45%)

Green (21%)

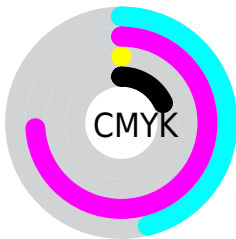
Blue (82%)



Red (45%)

Yellow (21%)

Blue (82%)

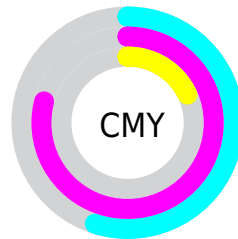


Cyan (46%)

Magenta (74%)

Yellow (0%)

Black (18%)



Cyan (55%)

Magenta (79%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7485138 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 7485138 by changing the saturation by 10% instead.

■ 7485138

■ 7485138

16777215

■ 5511862

■ 11365119

■ 3342490

■ 13338111

■ 127

■ 15311103

■ 101

■ 16760063

■ 76

■ 16767487

■ 1332

■ 16774911

■ 542

■ 1

■ 0

■ 7485138

■ 7485138

■ 6627794

■ 8342482

■ 5770450

■ 9199826

■ 5308626

■ 10057170

■ 10914514

■ 11771858

■ 12629202

■ 13421010

■ 14278354

■ 15135698

Harmonies

Analogous

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



25076



7485138



12648594

Triad

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



7485138



10044416



30836

Complementary

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



7485138



9884214

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.



29987



7485138



6054400

Square

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



7485138



12910592



28672



30908

Rectangle

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



7485138



13893729



28672



30554

Sweetspot

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



7485138



14469119



3577554



7036544



0



8421504

Same Dimension

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



7485138



7544063



12596946



6446697



4260008



1048617

Inverse Universe

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



13776534



16719016



4772406



6905445



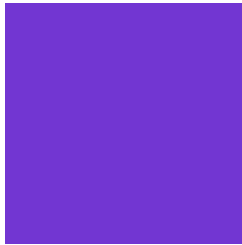
11010152



2687001

Previews

White Background



This preview shows how the Decimal color 7485138 looks on a white background.

Color Contrast Check

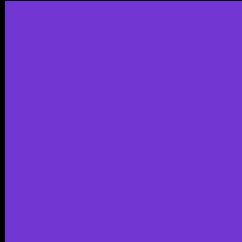
Large Text (above 18pt) WCAG AA ✓ Pass

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 7485138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

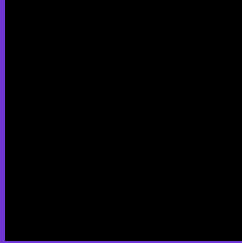
Any Text WCAG AA × Fail

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 7485138 Background



This preview shows how black text looks on a background with the Decimal color 7485138.

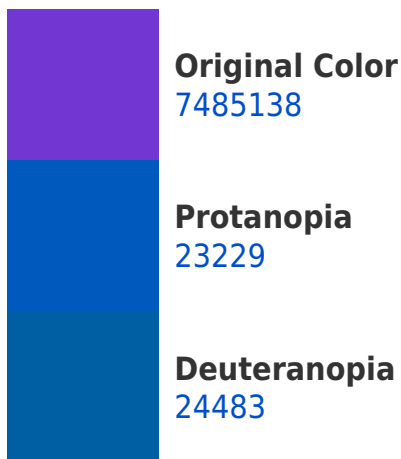


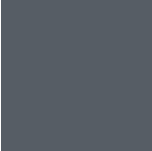
This preview shows how white text looks on a background with the Decimal color 7485138.

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



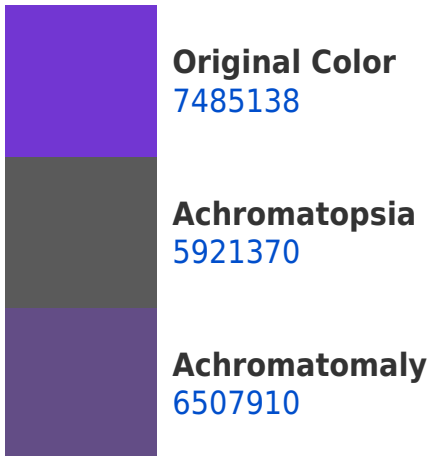


Tritanopia
5660005

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 7485138 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 #7236D2 looks like.

```
.text, #text, p{  
    color:#7236D2  
}
```

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 #7236D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7236D2
}
```

Border

The CSS property to change the border of an element to Decimal 7485138 is called "border". The border property can be set on classes, ids or directly on the HTML element.

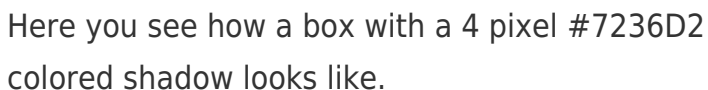
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7236D2 }
```

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

```
.border{ border-color:#7236D2 }
```

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



Here you see how a box with a 4 pixel #7236D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7236D2; -webkit-box-shadow:4px 4px  
4px 4px #7236D2; box-shadow:4px 4px 4px  
4px #7236D2 }
```

Background

The CSS property to change the background color of an element to Decimal 7485138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7236D2 }
```

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

```
.background{ background-color:#7236D2 }
```

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