

Converting Colors

Decimal(6443958)

Have a look what the booklet for
Decimal(6443958) contains.

Decimal(6443958)	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(6443958)

Conversions

Conversions Part 1

Format	Color
Hex	6253B6
RGB	98, 83, 182
RGB Percent	38%, 33%, 71%
CMY	0.6157, 0.6745, 0.2863
CMYK	0.46, 0.54, 0.00, 0.29
HSL	249°, 40%, 52%
HSV	249°, 54%, 71%
XYZ	16.5738, 12.1606, 45.7297
YIQ	98.7710, -22.8390, 33.9690

Conversions

Conversions Part 2

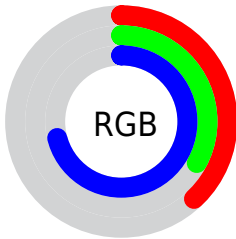
Format	Color
R_{YB}	98, 83, 182
Decimal	6443958
CIE _{Lab}	41.47, 31.62, -50.69
CIE _{LCh}	41, 59.744, 301.958
Yxy	12.1606, 0.2226, 0.1633
Android (android.graphics.Color)	4284634038 (0xFF6253B6)
YUV	98.7710, 41.0319, -0.6762
Hunter-Lab	34.8720, 23.8103, -53.3399

Details

The Decimal color **6443958** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **10991187**, and the grayscale version is **6447714**.

A 20% lighter version of the original color is **10126831**, and **2696576** is the 20% darker color. If you saturate the color by 10%, you get **5456310**, and if you desaturate by 10%, it is **7431606**.

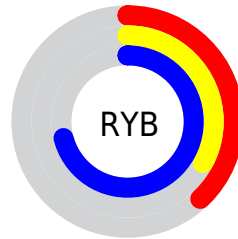
Distribution



Red (38%)

Green (33%)

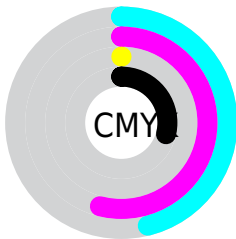
Blue (71%)



Red (38%)

Yellow (33%)

Blue (71%)

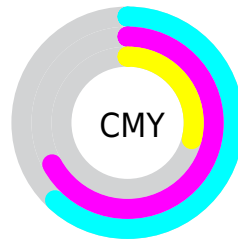


Cyan (46%)

Magenta (54%)

Yellow (0%)

Black (29%)



Cyan (62%)

Magenta (67%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6443958 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 6443958 by changing the saturation by 10% instead.



6443958



6443958

16777215



4603035



10126831



2696576



11968511



4199



13875967



78



15783679



1334



16774143



544



4



0



6443958



6443958

■ 5456310

■ 7431606

■ 4403126

■ 8484790

■ 3415222

■ 9472694

■ 2362038

■ 10525878

■ 1835190

■ 11513526

■ 12566710

■ 13554358

■ 14607798

■ 15595446

Harmonies

Analogous

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



26565



6443958



10369169

Triad

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



6443958



10112256



30564

Complementary

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



6443958



10991187

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.



29744



6443958



7627008

Square

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



6443958



11678769



4353280



30613

Rectangle

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



6443958



11610481



4353280



30547

Sweetspot

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



6443958



13486061



5482422



6644088



16250871



7895160

Same Dimension

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



6443958



6968301



9655222



5526364



1573020



262172

Inverse Universe

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



11948967



15553494



7779923



6050650



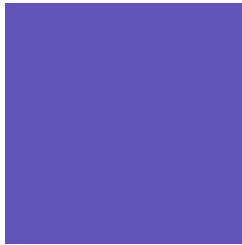
10223748



1835032

Previews

White Background



This preview shows how the Decimal color 6443958 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 6443958 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

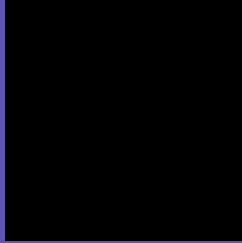
Any Text WCAG AA × Fail

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 6443958 Background



This preview shows how black text looks on a background with the Decimal color 6443958.

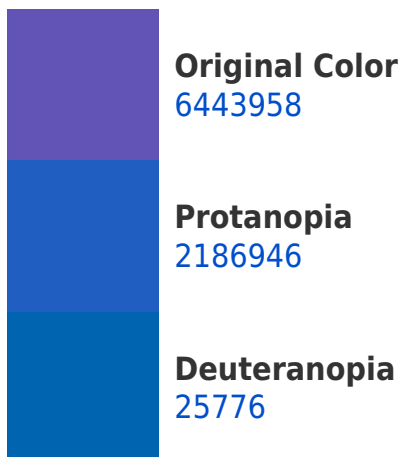


This preview shows how white text looks on a background with the Decimal color 6443958.

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
5138030

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 6443958 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 #6253B6 looks like.

```
.text, #text, p{  
    color:#6253B6  
}
```

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 #6253B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6253B6
}
```

Border

The CSS property to change the border of an element to Decimal 6443958 is called "border". The border property can be set on classes, ids or directly on the HTML element.

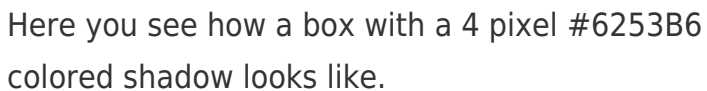
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6253B6 }
```

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

```
.border{ border-color:#6253B6 }
```

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



Here you see how a box with a 4 pixel #6253B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6253B6; -webkit-box-shadow:4px 4px  
4px 4px #6253B6; box-shadow:4px 4px 4px  
4px #6253B6 }
```

Background

The CSS property to change the background color of an element to Decimal 6443958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6253B6 }
```

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

```
.background{ background-color:#6253B6 }
```

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