

Converting Colors

Decimal(6451357)

Have a look what the booklet for
Decimal(6451357) contains.

Decimal(6451357)	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(6451357)

Conversions

Conversions Part 1

Format	Color
Hex	62709D
RGB	98, 112, 157
RGB Percent	38%, 44%, 62%
CMY	0.6157, 0.5608, 0.3843
CMYK	0.38, 0.29, 0.00, 0.38
HSL	226°, 23%, 50%
HSV	226°, 38%, 62%
XYZ	16.9170, 16.6193, 34.2145
YIQ	112.9440, -22.7890, 11.0270

Conversions

Conversions Part 2

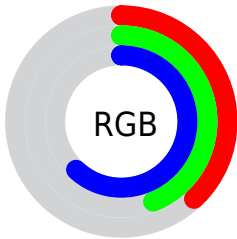
Format	Color
R_{YB}	98, 109, 157
Decimal	6451357
CIE _{Lab}	47.78, 6.35, -26.01
CIE _{LCh}	48, 26.776, 283.727
Yxy	16.6193, 0.2497, 0.2453
Android (android.graphics.Color)	4284641437 (0xFF62709D)
YUV	112.9440, 21.7196, -13.1059
Hunter-Lab	40.7668, 2.7301, -21.2238

Details

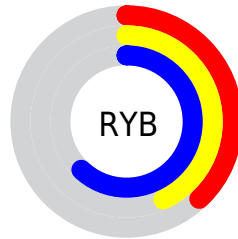
The Decimal color **6451357** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **10325858**, and the grayscale version is **7434609**.

A 20% lighter version of the original color is **9938132**, and **3162217** is the 20% darker color. If you saturate the color by 10%, you get **5399709**, and if you desaturate by 10%, it is **7503005**.

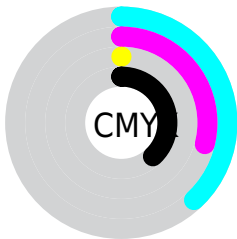
Distribution



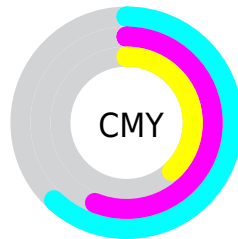
- Red (38%)
- Green (44%)
- Blue (62%)



- Red (38%)
- Yellow (43%)
- Blue (62%)



- Cyan (38%)
- Magenta (29%)
- Yellow (0%)
- Black (38%)



- Cyan (62%)
- Magenta (56%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6451357 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 6451357 by changing the saturation by 10% instead.

■ 6451357

■ 6451357

16777215

■ 4806787

■ 9938132

■ 3162217

■ 11714544

■ 1452881

■ 13556479

■ 5946

■ 15398911

■ 548

■ 12

■ 0

■ 6451357

■ 6451357

■ 5399709

■ 7503005

■ 4413597

■ 8489117

■ 3361949

■ 9540765

■ 2310301

■ 10592413

■ 1324189

■ 11644061

■ 272541

■ 12630173

■ 9629

■ 13681821

■ 14733469

■ 15719581

Harmonies

Analogous

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



4028316



6451357



8480914

Triad

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



6451357



10052691



4291940

Complementary

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



6451357



10325858

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.



6125904



6451357



9137222

Square

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



6451357



10379368



7762757



2391675

Rectangle

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



6451357



9462662



7762757



4947037

Sweetspot

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



6451357



11975628



6462862



5856358



15132390



6710886

Same Dimension

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



6451357



7374540



7430813



4671823



8847



1039

Inverse Universe

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



10314352



13398150



9346402



5195593



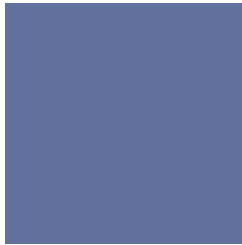
9371682



983044

Previews

White Background



This preview shows how the Decimal color 6451357 looks on a white background.

Color Contrast Check

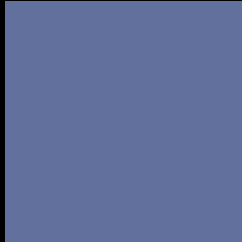
Large Text (above 18pt) WCAG AA ✓ Pass

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 6451357 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

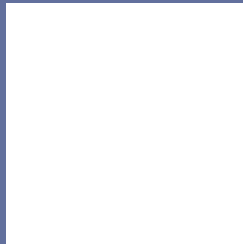
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 6451357 Background



This preview shows how black text looks on a background with the Decimal color 6451357.



This preview shows how white text looks on a background with the Decimal color 6451357.

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



Original Color
6451357

Protanopia
6582429

Deuteranopia
6516893



Tritanopia
5994111

Trichromacy



Original Color
6451357

Protanomaly
6516893

Deuteranomaly
6516893

Tritanomaly
6190218

Monochromacy



Original Color
6451357

Achromatopsia
7434609

Achromatomaly
7106945

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6451357 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 #62709D looks like.

```
.text, #text, p{  
    color:#62709D  
}
```

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 #62709D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62709D
}
```

Border

The CSS property to change the border of an element to Decimal 6451357 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
#62709D }
```

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

```
.border{ border-color:#62709D }
```

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

Here you see how a box with a 4 pixel #62709D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62709D; -webkit-box-shadow:4px 4px  
4px 4px #62709D; box-shadow:4px 4px 4px  
4px #62709D }
```

Background

The CSS property to change the background color of an element to Decimal 6451357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62709D }
```

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

```
.background{ background-color:#62709D }
```

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