

Converting Colors

Decimal(6454173)

Have a look what the booklet for
Decimal(6454173) contains.

Decimal(6454173)	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(6454173)

Conversions

Conversions Part 1

Format	Color
Hex	627B9D
RGB	98, 123, 157
RGB Percent	38%, 48%, 62%
CMY	0.6157, 0.5176, 0.3843
CMYK	0.38, 0.22, 0.00, 0.38
HSL	215°, 23%, 50%
HSV	215°, 38%, 62%
XYZ	18.2058, 19.1969, 34.6441
YIQ	119.4010, -25.8140, 5.2740

Conversions

Conversions Part 2

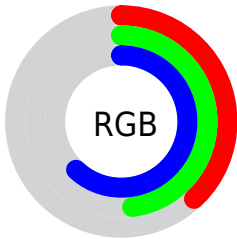
Format	Color
R_{YB}	98, 116, 157
Decimal	6454173
CIE _{Lab}	50.92, -0.21, -21.16
CIE _{LCh}	51, 21.165, 269.424
Yxy	19.1969, 0.2527, 0.2665
Android (android.graphics.Color)	4284644253 (0xFF627B9D)
YUV	119.4010, 18.5363, -18.7687
Hunter-Lab	43.8143, -2.5044, -16.2108

Details

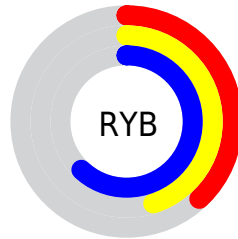
The Decimal color **6454173** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **10323042**, and the grayscale version is **7829367**.

A 20% lighter version of the original color is **9940948**, and **3164778** is the 20% darker color. If you saturate the color by 10%, you get **5403293**, and if you desaturate by 10%, it is **7505053**.

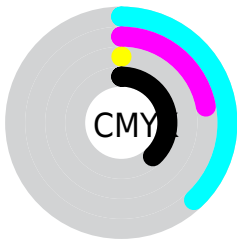
Distribution



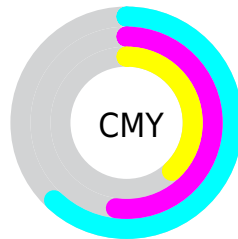
- Red (38%)
- Green (48%)
- Blue (62%)



- Red (38%)
- Yellow (45%)
- Blue (62%)



- Cyan (38%)
- Magenta (22%)
- Yellow (0%)
- Black (38%)



- Cyan (62%)
- Magenta (52%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6454173 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 6454173 by changing the saturation by 10% instead.

■ 6454173

■ 6454173

16777215

■ 4809347

■ 9940948

■ 3164778

■ 11717616

■ 1455185

■ 13559807

■ 7994

■ 15400959

■ 1573

■ 269

■ 0

■ 6454173

■ 6454173

■ 5403293

■ 7505053

■ 4417949

■ 8490397

■ 3367069

■ 9541277

■ 2316189

■ 10592157

■ 1330845

■ 11643037

■ 279965

■ 12628381

■ 17309

■ 13679261

■ 14730141

■ 15715485

Harmonies

Analogous

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



4948120



6454173



8156569

Triad

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



6454173



10317160



6259046

Complementary

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



6454173



10323042

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.



7568985



6454173



9794139

Square

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



6454173



10251386



8878165



5014392

Rectangle

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



6454173



9073041



8878165



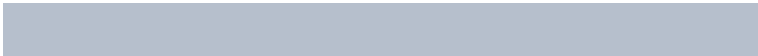
6717537

Sweetspot

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



6454173



11976652



6462851



5856870



15132390



6710886

Same Dimension

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



6454173



7378892



6709917



4672079



15759



1551

Inverse Universe

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



10314363



13398167



10067298



5195594



9371709



983046

Previews

White Background



This preview shows how the Decimal color 6454173 looks on a white 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

Black Background



This preview shows how the Decimal color 6454173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

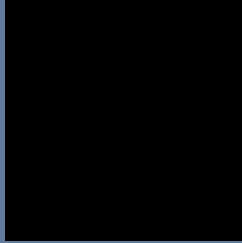
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

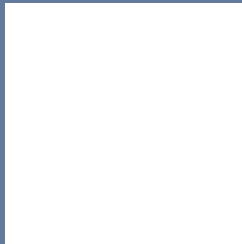
Any Text WCAG AAA × Fail

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

Decimal 6454173 Background



This preview shows how black text looks on a background with the Decimal color 6454173.

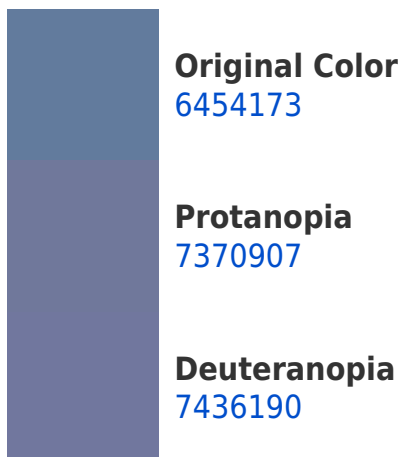


This preview shows how white text looks on a background with the Decimal color 6454173.

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
6127497

Trichromacy



Original Color
6454173

Protanomaly
7043484

Deuteranomaly
7108766

Tritanomaly
6258320

Monochromacy



Original Color
6454173

Achromatopsia
7829367

Achromatomaly
7305349

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6454173 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 #627B9D looks like.

```
.text, #text, p{  
    color:#627B9D  
}
```

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 #627B9D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #627B9D
}
```

Border

The CSS property to change the border of an element to Decimal 6454173 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".

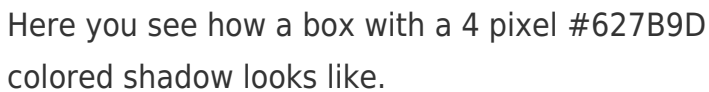
```
.border, #border, table{ border:4px solid
#627B9D }
```

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

```
.border{ border-color:#627B9D }
```

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

Here you see how a box with a 4 pixel #627B9D colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #627B9D; -webkit-box-shadow:4px 4px  
4px 4px #627B9D; box-shadow:4px 4px 4px  
4px #627B9D }
```

Background

The CSS property to change the background color of an element to Decimal 6454173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#627B9D }
```

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

```
.background{ background-color:#627B9D }
```

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