

Converting Colors

Decimal(6387120)

Have a look what the booklet for
Decimal(6387120) contains.

Decimal(6387120)	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(6387120)

Conversions

Conversions Part 1

Format	Color
Hex	6175B0
RGB	97, 117, 176
RGB Percent	38%, 46%, 69%
CMY	0.6196, 0.5412, 0.3098
CMYK	0.45, 0.34, 0.00, 0.31
HSL	225°, 33%, 54%
HSV	225°, 45%, 69%
XYZ	19.1275, 18.3986, 43.6174
YIQ	117.7460, -30.8590, 14.1090

Conversions

Conversions Part 2

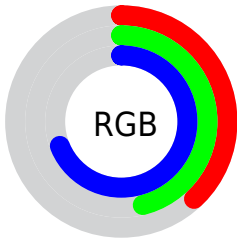
Format	Color
R_{YB}	97, 113, 176
Decimal	6387120
CIE _{Lab}	49.98, 8.63, -33.68
CIE _{LCh}	50, 34.769, 284.366
Yxy	18.3986, 0.2357, 0.2267
Android (android.graphics.Color)	4284577200 (0xFF6175B0)
YUV	117.7460, 28.7192, -18.1942
Hunter-Lab	42.8935, 4.5349, -30.2651

Details

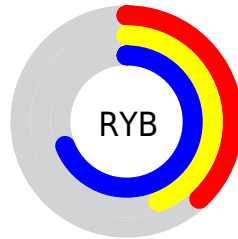
The Decimal color **6387120** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **11574369**, and the grayscale version is **7697781**.

A 20% lighter version of the original color is **9939432**, and **2835835** is the 20% darker color. If you saturate the color by 10%, you get **5204144**, and if you desaturate by 10%, it is **7570096**.

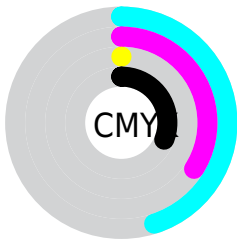
Distribution



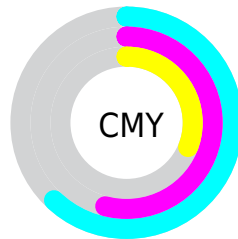
- Red (38%)
- Green (46%)
- Blue (69%)



- Red (38%)
- Yellow (44%)
- Blue (69%)



- Cyan (45%)
- Magenta (34%)
- Yellow (0%)
- Black (31%)



- Cyan (62%)
- Magenta (54%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6387120 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 6387120 by changing the saturation by 10% instead.

■ 6387120

■ 6387120

16777215

■ 4611477

■ 9939432

■ 2835835

■ 11781375

■ 601954

■ 13623551

■ 6986

■ 15531519

■ 51

■ 541

■ 0

■ 6387120

■ 6387120

■ 5204144

■ 7570096

■ 4086704

■ 8687536

■ 2903728

■ 9870512

■ 1786032

■ 10988208

■ 603056

■ 12171184

■ 11696

■ 13354160

■ 14471600

■ 15654576

■ 16772016

Harmonies

Analogous

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



1998511



6387120



9202337

Triad

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



6387120



11101519



3179878

Complementary

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



6387120



11574369

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.



5931339



6387120



9859134

Square

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



6387120



11493226



8092220



34437

Rectangle

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



6387120



10445713



8092220



4228188

Sweetspot

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



6387120



13160422



6402203



6317427



15921906



7566195

Same Dimension

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



6387120



6982118



7561648



5264217



10137



1562

Inverse Universe

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



11559285



15100553



10399841



5853267



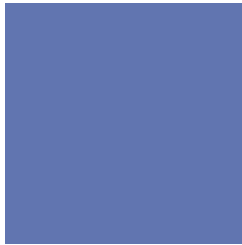
10027047



1703942

Previews

White Background



This preview shows how the Decimal color 6387120 looks on a white background.

Color Contrast Check

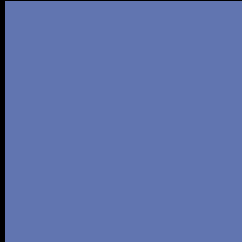
Large Text (above 18pt) WCAG AA ✓ Pass

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 6387120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

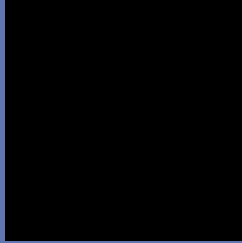
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

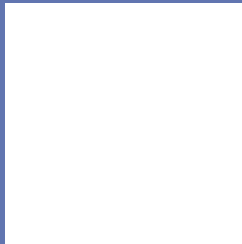
Any Text WCAG AAA × Fail

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

Decimal 6387120 Background



This preview shows how black text looks on a background with the Decimal color 6387120.

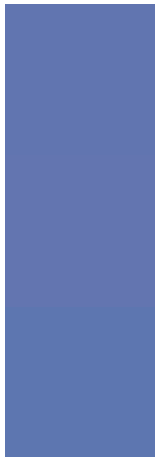


This preview shows how white text looks on a background with the Decimal color 6387120.

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
6387120

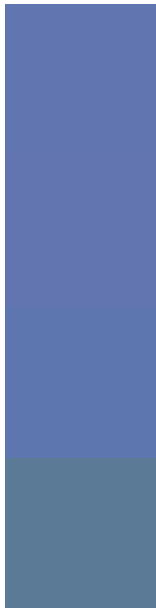
Protanopia
6518192

Deuteranopia
6125232



Tritanopia
5668231

Trichromacy



Original Color
6387120

Protanomaly
6452656

Deuteranomaly
6190768

Tritanomaly
5929622

Monochromacy



Original Color
6387120

Achromatopsia
7763574

Achromatomaly
7239307

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6387120 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 #6175B0 looks like.

```
.text, #text, p{  
  color:#6175B0  
}
```

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 #6175B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6175B0
}
```

Border

The CSS property to change the border of an element to Decimal 6387120 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
#6175B0 }
```

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

```
.border{ border-color:#6175B0 }
```

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

Here you see how a box with a 4 pixel #6175B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6175B0; -webkit-box-shadow:4px 4px  
4px 4px #6175B0; box-shadow:4px 4px 4px  
4px #6175B0 }
```

Background

The CSS property to change the background color of an element to Decimal 6387120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6175B0 }
```

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

```
.background{ background-color:#6175B0 }
```

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