

Converting Colors

Decimal(6111398)

Have a look what the booklet for
Decimal(6111398) contains.

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Color

Decimal(6111398)

Conversions

Conversions Part 1

Format	Color
Hex	5D40A6
RGB	93, 64, 166
RGB Percent	36%, 25%, 65%
CMY	0.6353, 0.7490, 0.3490
CMYK	0.44, 0.61, 0.00, 0.35
HSL	257°, 44%, 45%
HSV	257°, 61%, 65%
XYZ	13.2305, 8.7471, 37.0674
YIQ	84.2990, -15.4580, 37.8700

Conversions

Conversions Part 2

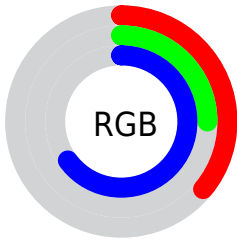
Format	Color
R_{YB}	93, 64, 166
Decimal	6111398
CIE _{Lab}	35.49, 37.18, -50.87
CIE _{LCh}	35, 63.007, 306.161
Yxy	8.7471, 0.2241, 0.1481
Android (android.graphics.Color)	4284301478 (0xFF5D40A6)
YUV	84.2990, 40.2786, 7.6308
Hunter-Lab	29.5755, 28.0943, -53.6061

Details

The Decimal color **6111398** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **9020992**, and the grayscale version is **5526612**.

A 20% lighter version of the original color is **9728478**, and **2364017** is the 20% darker color. If you saturate the color by 10%, you get **5320614**, and if you desaturate by 10%, it is **6902182**.

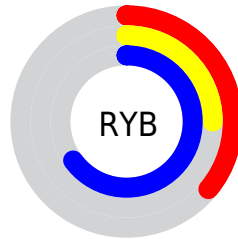
Distribution



Red (36%)

Green (25%)

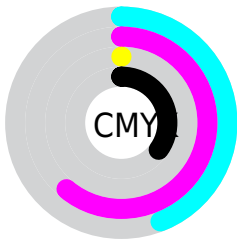
Blue (65%)



Red (36%)

Yellow (25%)

Blue (65%)

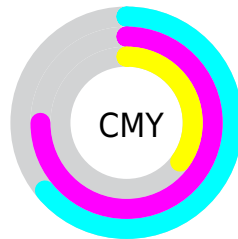


Cyan (44%)

Magenta (61%)

Yellow (0%)

Black (35%)



Cyan (64%)

Magenta (75%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6111398 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 6111398 by changing the saturation by 10% instead.

6111398

6111398

16777215

4270475

9728478

2364017

11570171

88

13477631

64

15385087

809

16768511

275

16775935

0

6111398

6111398

5320614

6902182

■ 4530086

■ 7692710

■ 3739302

■ 8483494

■ 3080358

■ 9274022

■ 9999270

■ 10790054

■ 11580582

■ 12371366

■ 13161894

Harmonies

Analogous

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



22457



6111398



9837693

Triad

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



6111398



8798464



26717

Complementary

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



6111398



9020992

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.



26151



6111398



6182144

Square

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



6111398



10559770



2383872



26766

Rectangle

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



6111398



10879068



2383872



26699

Sweetspot

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



6111398



12432089



4229542



6051438



15592941



7237230

Same Dimension

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



6111398



6699225



9453734



5131348



2752660



393236

Inverse Universe

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



10895497



14235819



5678656



5524562



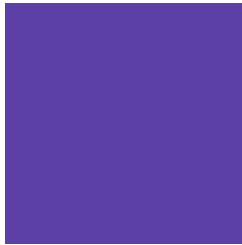
9699434



1310735

Previews

White Background



This preview shows how the Decimal color 6111398 looks on a white background.

Color Contrast Check

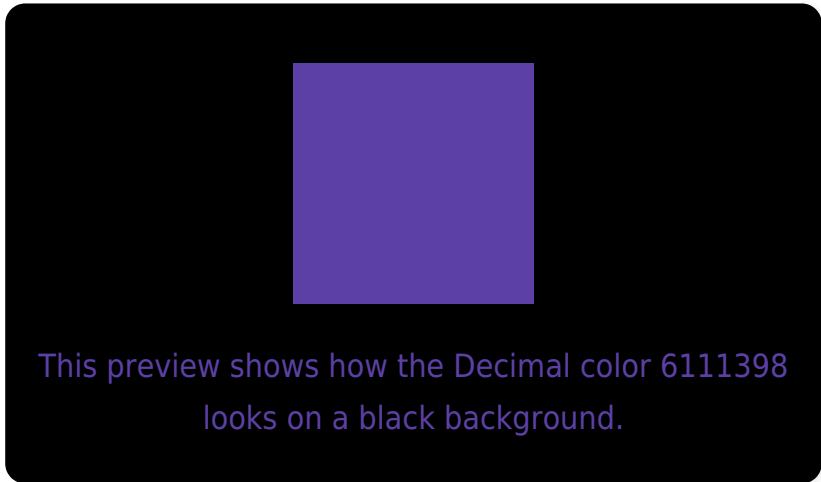
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

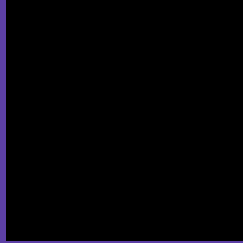
Any Text WCAG AA × Fail

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 6111398 Background



This preview shows how black text looks on a background with the Decimal color 6111398.

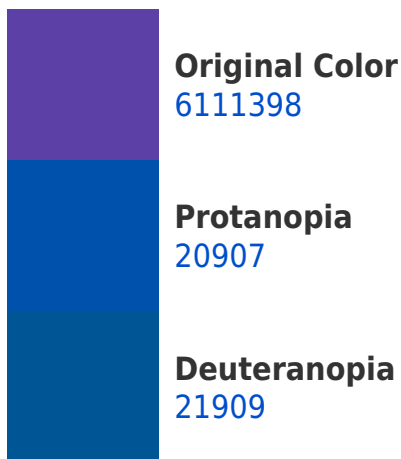


This preview shows how white text looks on a background with the Decimal color 6111398.

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
4871516

Trichromacy



Original Color
6111398

Protanomaly
2247593

Deuteranomaly
2248091

Tritanomaly
5328247

Monochromacy



Original Color
6111398

Achromatopsia
5526612

Achromatomaly
5721458

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6111398 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 #5D40A6 looks like.

```
.text, #text, p{  
    color:#5D40A6  
}
```

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 #5D40A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D40A6
}
```

Border

The CSS property to change the border of an element to Decimal 6111398 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
#5D40A6 }
```

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

```
.border{ border-color:#5D40A6 }
```

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

Here you see how a box with a 4 pixel #5D40A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D40A6; -webkit-box-shadow:4px 4px  
4px 4px #5D40A6; box-shadow:4px 4px 4px  
4px #5D40A6 }
```

Background

The CSS property to change the background color of an element to Decimal 6111398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D40A6 }
```

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

```
.background{ background-color:#5D40A6 }
```

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](#).

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