

Converting Colors

Decimal(6241684)

Have a look what the booklet for
Decimal(6241684) contains.

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Color

Decimal(6241684)

Conversions

Conversions Part 1

Format	Color
Hex	5F3D94
RGB	95, 61, 148
RGB Percent	37%, 24%, 58%
CMY	0.6275, 0.7608, 0.4196
CMYK	0.36, 0.59, 0.00, 0.42
HSL	263°, 42%, 41%
HSV	263°, 59%, 58%
XYZ	11.7334, 7.9085, 28.9251
YIQ	81.0840, -7.6630, 34.2650

Conversions

Conversions Part 2

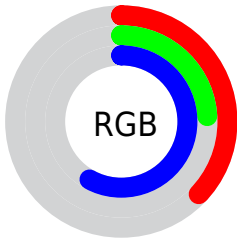
Format	Color
R_{YB}	95, 61, 148
Decimal	6241684
CIE _{Lab}	33.79, 34.34, -42.72
CIE _{LCh}	34, 54.813, 308.795
Yxy	7.9085, 0.2416, 0.1628
Android (android.graphics.Color)	4284431764 (0xFF5F3D94)
YUV	81.0840, 32.9896, 12.2043
Hunter-Lab	28.1221, 25.2619, -41.2975

Details

The Decimal color **6241684** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **7509053**, and the grayscale version is **5329233**.

A 20% lighter version of the original color is **9793227**, and **2821984** is the 20% darker color. If you saturate the color by 10%, you get **5648020**, and if you desaturate by 10%, it is **6835348**.

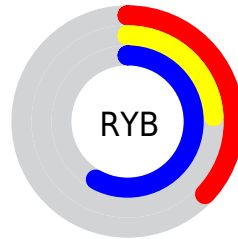
Distribution



Red (37%)

Green (24%)

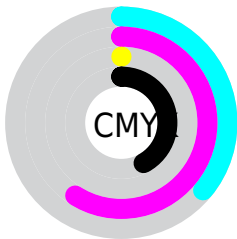
Blue (58%)



Red (37%)

Yellow (24%)

Blue (58%)

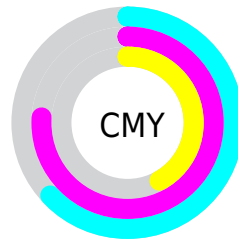


Cyan (36%)

Magenta (59%)

Yellow (0%)

Black (42%)



Cyan (63%)

Magenta (76%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6241684 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 6241684 by changing the saturation by 10% instead.

6241684

6241684

16777215

4531834

9793227

2821984

11569383

983112

13476607

49

15318783

283

16767743

0

16774911

6241684

6241684

5648020

6835348

■ 5054356

■ 7429012

■ 4460948

■ 8022420

■ 3867284

■ 8616084

■ 3801236

■ 9209748

■ 9803412

■ 10397076

■ 10990484

■ 11584148

Harmonies

Analogous

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



20902



6241684



9184112

Triad

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



6241684



8012032



25180

Complementary

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



6241684



7509053

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.



24622



6241684



5657088

Square

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



6241684



9579035



2382592



24965

Rectangle

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



6241684



9967187



2382592



25164

Sweetspot

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



6241684



11181503



4027284



5524577



14737632



6381921

Same Dimension

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



6241684



7157695



9059732



4539210



3539082



262154

Inverse Universe

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



9715058



12531594



4691005



4866887



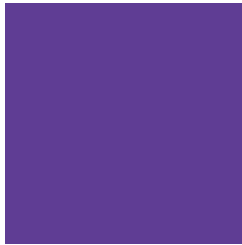
9044052



655366

Previews

White Background



This preview shows how the Decimal color 6241684 looks on a white background.

Color Contrast Check

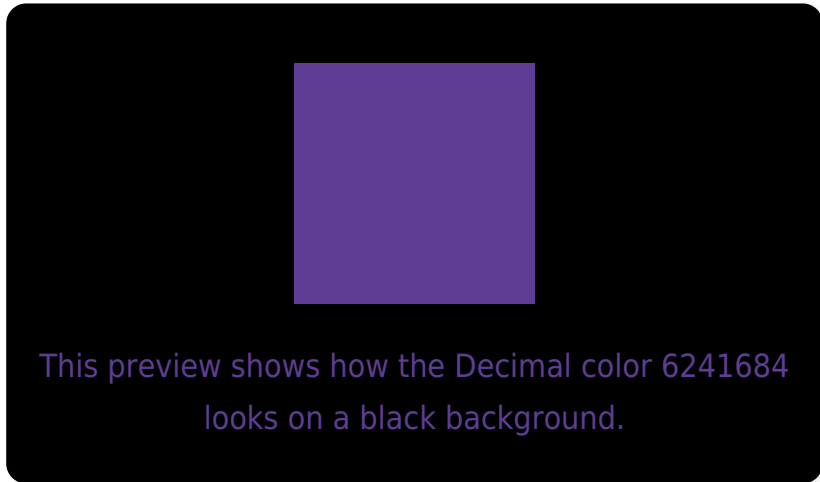
Large Text (above 18pt) WCAG AA ✓ Pass

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

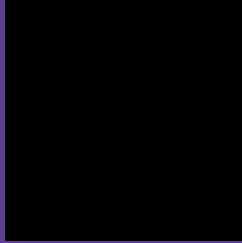
Any Text WCAG AA × Fail

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 6241684 Background



This preview shows how black text looks on a background with the Decimal color 6241684.



This preview shows how white text looks on a background with the Decimal color 6241684.

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
5394005

Trichromacy



Original Color
6241684



Protanomaly
2312094



Deuteranomaly
2640529



Tritanomaly
5720172

Monochromacy



Original Color
6241684



Achromatopsia
5329233



Achromatomaly
5655145

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6241684 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 #5F3D94 looks like.

```
.text, #text, p{  
    color:#5F3D94  
}
```

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 #5F3D94 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F3D94
}
```

Border

The CSS property to change the border of an element to Decimal 6241684 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
#5F3D94 }
```

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

```
.border{ border-color:#5F3D94 }
```

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

Here you see how a box with a 4 pixel #5F3D94 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F3D94; -webkit-box-shadow:4px 4px  
4px 4px #5F3D94; box-shadow:4px 4px 4px  
4px #5F3D94 }
```

Background

The CSS property to change the background color of an element to Decimal 6241684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F3D94 }
```

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

```
.background{ background-color:#5F3D94 }
```

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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