

Converting Colors

Decimal(6313357)

Have a look what the booklet for
Decimal(6313357) contains.

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Color

Decimal(6313357)

Conversions

Conversions Part 1

Format	Color
Hex	60558D
RGB	96, 85, 141
RGB Percent	38%, 33%, 55%
CMY	0.6235, 0.6667, 0.4471
CMYK	0.32, 0.40, 0.00, 0.45
HSL	252°, 25%, 44%
HSV	252°, 40%, 55%
XYZ	12.8801, 10.9069, 26.6257
YIQ	94.6730, -11.4200, 19.7480

Conversions

Conversions Part 2

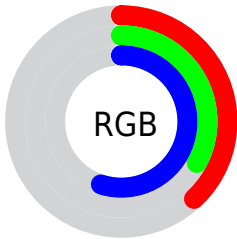
Format	Color
R_{YB}	96, 85, 141
Decimal	6313357
CIE _{Lab}	39.42, 17.93, -29.51
CIE _{LCh}	39, 34.529, 301.279
Yxy	10.9069, 0.2555, 0.2164
Android (android.graphics.Color)	4284503437 (0xFF60558D)
YUV	94.6730, 22.8392, 1.1638
Hunter-Lab	33.0256, 11.8209, -24.6825

Details

The Decimal color **6313357** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8555861**, and the grayscale version is **6184542**.

A 20% lighter version of the original color is **9734083**, and **3090522** is the 20% darker color. If you saturate the color by 10%, you get **5588877**, and if you desaturate by 10%, it is **7037837**.

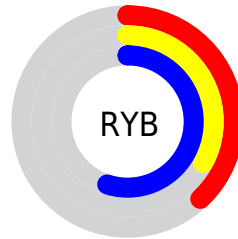
Distribution



Red (38%)

Green (33%)

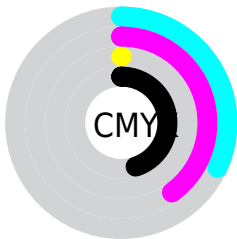
Blue (55%)



Red (38%)

Yellow (33%)

Blue (55%)

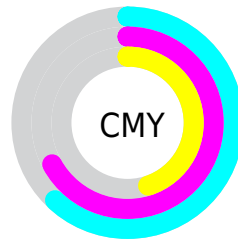


Cyan (32%)

Magenta (40%)

Yellow (0%)

Black (45%)



Cyan (62%)

Magenta (67%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6313357 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 6313357 by changing the saturation by 10% instead.



6313357



6313357

16777215



4669043



9734083



3090522



11510239



1446723



13352188



65580



15194367



279



16774399



0



6313357



6313357



5588877



7037837



4798861



7827853

■ 4074381

■ 8552333

■ 3349901

■ 9276813

■ 2559629

■ 10066829

■ 1835149

■ 10791565

■ 11516045

■ 12306061

■ 13030541

Harmonies

Analogous

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



2711445



6313357



8407672

Triad

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



6313357



8540460



27485

Complementary

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



6313357



8555861

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.



2713921



6313357



7101474

Square

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



6313357



9455681



5202987



27257

Rectangle

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



6313357



9258598



5202987



27219

Sweetspot

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



6313357



10920632



5604237



5328732



14408667



6052956

Same Dimension

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



6313357



7430072



8082829



4341831



1769607



131080

Inverse Universe

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



9262466



12083110



6786389



4669510



8847469



524294

Previews

White Background



This preview shows how the Decimal color 6313357 looks on a white background.

Color Contrast Check

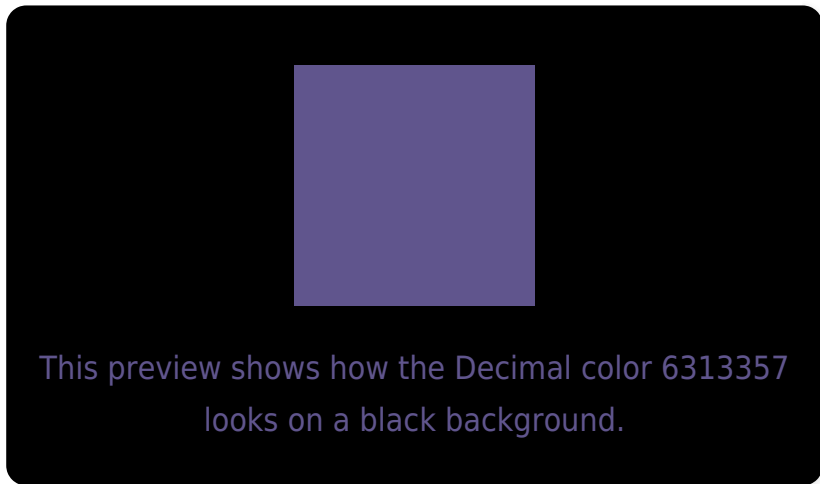
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 6313357 Background



This preview shows how black text looks on a background with the Decimal color 6313357.

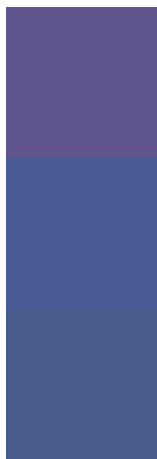


This preview shows how white text looks on a background with the Decimal color 6313357.

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
6313357

Protanopia
4742034

Deuteranopia
4742283



Tritanopia
5791333

Trichromacy



Original Color
6313357

Protanomaly
5331344

Deuteranomaly
5331340

Tritanomaly
5987188

Monochromacy



Original Color
6313357

Achromatopsia
6250335

Achromatomaly
6249328

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6313357 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 #60558D looks like.

```
.text, #text, p{  
    color:#60558D  
}
```

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 #60558D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60558D
}
```

Border

The CSS property to change the border of an element to Decimal 6313357 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".

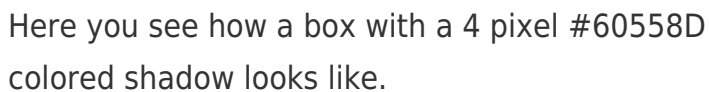
```
.border, #border, table{ border:4px solid
#60558D }
```

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

```
.border{ border-color:#60558D }
```

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

Here you see how a box with a 4 pixel #60558D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60558D; -webkit-box-shadow:4px 4px  
4px 4px #60558D; box-shadow:4px 4px 4px  
4px #60558D }
```

Background

The CSS property to change the background color of an element to Hexadecimal #60558D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60558D }
```

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

```
.background{ background-color:#60558D }
```

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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