

Converting Colors

Decimal(6303648)

Have a look what the booklet for
Decimal(6303648) contains.

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Color

Decimal(6303648)

Conversions

Conversions Part 1

Format	Color
Hex	602FA0
RGB	96, 47, 160
RGB Percent	38%, 18%, 63%
CMY	0.6235, 0.8157, 0.3725
CMYK	0.40, 0.71, 0.00, 0.37
HSL	266°, 55%, 41%
HSV	266°, 71%, 63%
XYZ	12.1855, 7.0579, 33.9778
YIQ	74.5330, -7.0690, 45.5310

Conversions

Conversions Part 2

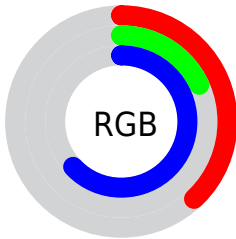
Format	Color
R_{YB}	96, 47, 160
Decimal	6303648
CIE Lab	31.94, 45.49, -53.00
CIE LCh	32, 69.847, 310.636
Yxy	7.0579, 0.2290, 0.1326
Android (android.graphics.Color)	4284493728 (0xFF602FA0)
YUV	74.5330, 42.1352, 18.8266
Hunter-Lab	26.5667, 35.3822, -57.2329

Details

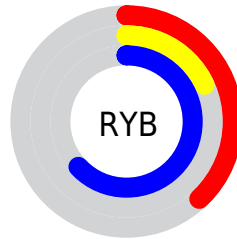
The Decimal color **6303648** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **7315503**, and the grayscale version is **4868682**.

A 20% lighter version of the original color is **9920984**, and **2621547** is the 20% darker color. If you saturate the color by 10%, you get **5709728**, and if you desaturate by 10%, it is **6897568**.

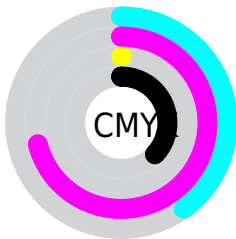
Distribution



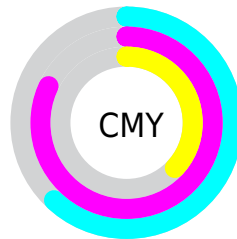
- Red (38%)
- Green (18%)
- Blue (63%)



- Red (38%)
- Yellow (18%)
- Blue (63%)



- Cyan (40%)
- Magenta (71%)
- Yellow (0%)
- Black (37%)



- Cyan (62%)
- Magenta (82%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6303648 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 6303648 by changing the saturation by 10% instead.

6303648

6303648

16777215

4461957

9920984

2621547

11828212

458834

13735423

58

15643135

548

16764159

11

16771583

0

6303648

6303648

5709728

6897568

■ 5115808

■ 7491488

■ 4522144

■ 8085408

■ 8679328

■ 9273248

■ 9867168

■ 10461088

■ 11055008

■ 11714464

Harmonies

Analogous

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



19898



6303648



9896049

Triad

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



6303648



7944704



24670

Complementary

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



6303648



7315503

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.



24099



6303648



4935424

Square

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



6303648



10030080



23040



24723

Rectangle

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



6303648



10813517



23040



24651

Sweetspot

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



6303648



12101073



3108768



5918313



15263976



6908265

Same Dimension

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



6303648



7086033



9973664



4933455



4063375



458767

Inverse Universe

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



10497903



13705092



3645487



5195596



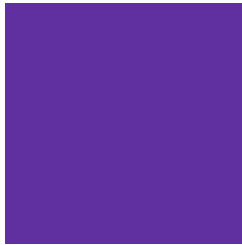
9371729



983049

Previews

White Background



This preview shows how the Decimal color 6303648 looks on a white background.

Color Contrast Check

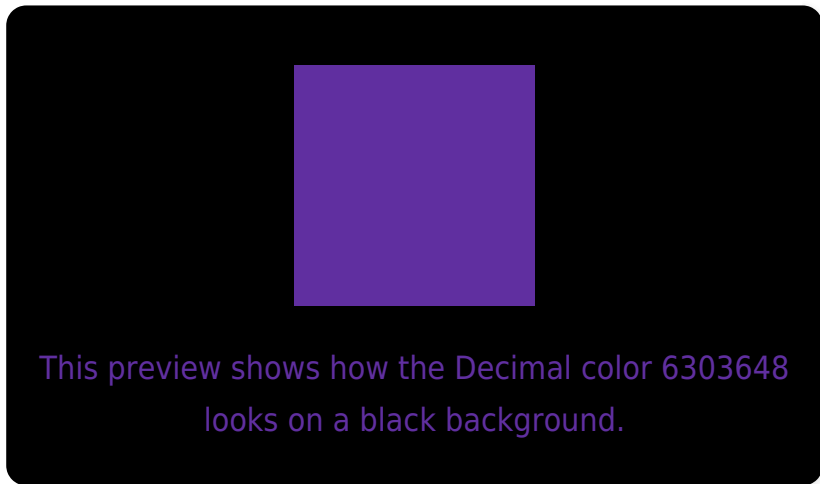
Large Text (above 18pt) WCAG AA ✓ Pass

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

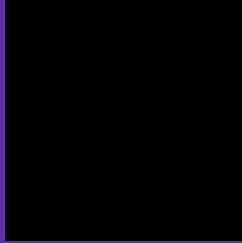
Any Text WCAG AA × Fail

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 6303648 Background



This preview shows how black text looks on a background with the Decimal color 6303648.




This preview shows how white text looks on a background with the Decimal color 6303648.

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
5130832

Trichromacy



Original Color
6303648

Protanomaly
2310300

Deuteranomaly
2310799

Tritanomaly
5587053

Monochromacy



Original Color
6303648

Achromatopsia
4934475

Achromatomaly
5456234

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6303648 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 #602FA0 looks like.

```
.text, #text, p{  
    color:#602FA0  
}
```

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 #602FA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #602FA0
}
```

Border

The CSS property to change the border of an element to Decimal 6303648 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
#602FA0 }
```

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

```
.border{ border-color:#602FA0 }
```

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

Here you see how a box with a 4 pixel #602FA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #602FA0; -webkit-box-shadow:4px 4px  
4px 4px #602FA0; box-shadow:4px 4px 4px  
4px #602FA0 }
```

Background

The CSS property to change the background color of an element to Decimal 6303648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#602FA0 }
```

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

```
.background{ background-color:#602FA0 }
```

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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