

Converting Colors

Decimal(6291620)

Have a look what the booklet for
Decimal(6291620) contains.

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Color

Decimal(6291620)

Conversions

Conversions Part 1

Format	Color
Hex	6000A4
RGB	96, 0, 164
RGB Percent	38%, 0%, 64%
CMY	0.6235, 1.0000, 0.3569
CMYK	0.41, 1.00, 0.00, 0.36
HSL	275°, 100%, 32%
HSV	275°, 100%, 64%
XYZ	11.5247, 5.1671, 35.5119
YIQ	47.4000, 4.5720, 71.3560

Conversions

Conversions Part 2

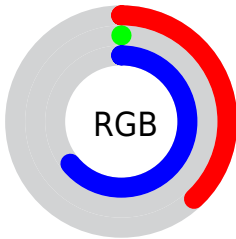
Format	Color
RYB	96, 0, 164
Decimal	6291620
CIELab	27.21, 61.24, -63.18
CIElCh	27, 87.989, 314.111
Yxy	5.1671, 0.2208, 0.0990
Android (android.graphics.Color)	4284481700 (0xFF6000A4)
YUV	47.4000, 57.4838, 42.6222
Hunter-Lab	22.7313, 50.7191, -76.7136

Details

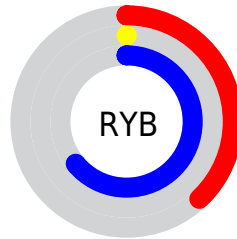
The Decimal color **6291620** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **4498432**, and the grayscale version is **3092271**.

A 20% lighter version of the original color is **10044636**, and **2293871** is the 20% darker color. If you saturate the color by 10%, you get **6291620**, and if you desaturate by 10%, it is **6754468**.

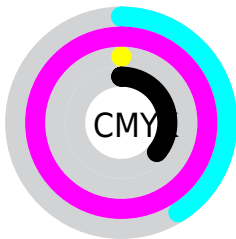
Distribution



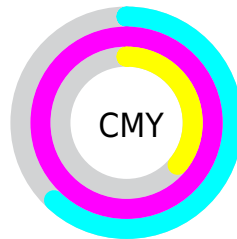
- Red (38%)
- Green (0%)
- Blue (64%)



- Red (38%)
- Yellow (0%)
- Blue (64%)



- Cyan (41%)
- Magenta (100%)
- Yellow (0%)
- Black (36%)





















- Cyan (62%)
- Magenta (100%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6291620 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 6291620 by changing the saturation by 10% instead.

 6291620	 6291620
 16777215	 4391049
 10044636	 2293871
 12017913	 86
 13925375	 317
 15898367	 806
 16757503	 271
 16764671	 0
 16772351	
 6291620	

■ 6754468

■ 7217572

■ 7614884

■ 8077988

■ 8540836

■ 9003684

■ 9466788

■ 9864100

■ 10327204

Harmonies

Analogous

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



17096



6291620



10420327

Triad

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



6291620



7089920



22368

Complementary

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



6291620



4498432

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.



21783



6291620



3229696

Square

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



6291620



9830400



20736



22688

Rectangle

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



6291620



11206715



20736



22089

Sweetspot

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



6291620



12359382



17572



5981547



15461355



7039851

Same Dimension

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



6291620



8192214



10748054



5130578



5570705



655378

Inverse Universe

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



10747972



14024793



41998



5392717



9502780



1179655

Previews

White Background



This preview shows how the Decimal color 6291620 looks on a white background.

Color Contrast Check

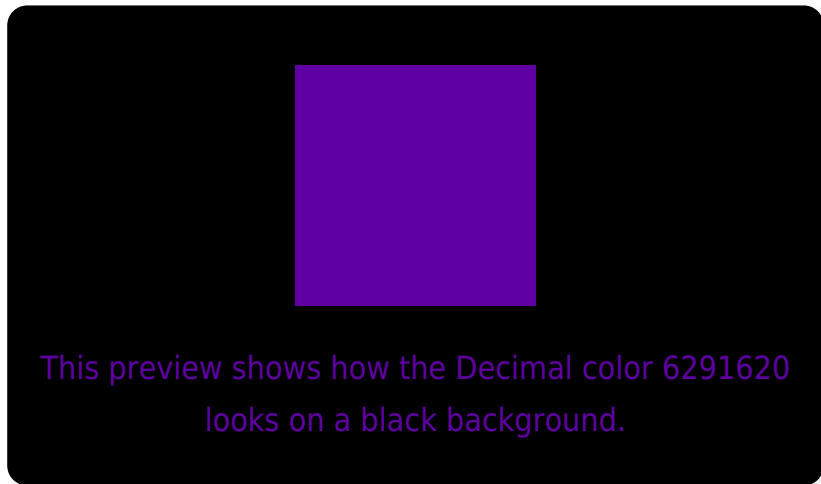
Large Text (above 18pt) WCAG AA ✓ Pass

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

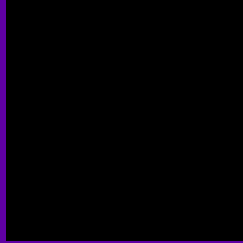
Any Text WCAG AA × Fail

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 6291620 Background



This preview shows how black text looks on a background with the Decimal color 6291620.



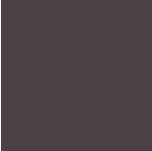
This preview shows how white text looks on a background with the Decimal color 6291620.

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
4931653

Trichromacy



Original Color

6291620



Protanomaly

2304402



Deuteranomaly

2305158



Tritanomaly

5450088

Monochromacy



Original Color

6291620



Achromatopsia

3092271



Achromatomaly

4267610

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6291620 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 #6000A4 looks like.

```
.text, #text, p{  
    color:#6000A4  
}
```

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 #6000A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6000A4
}
```

Border

The CSS property to change the border of an element to Decimal 6291620 is called "border". The border property can be set on classes, ids or directly on the HTML element.

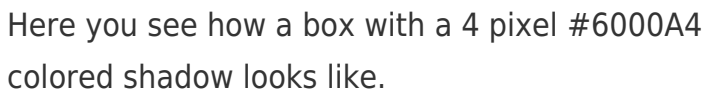
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6000A4 }
```

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

```
.border{ border-color:#6000A4 }
```

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



Here you see how a box with a 4 pixel #6000A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6000A4; -webkit-box-shadow:4px 4px  
4px 4px #6000A4; box-shadow:4px 4px 4px  
4px #6000A4 }
```

Background

The CSS property to change the background color of an element to Decimal 6291620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6000A4 }
```

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

```
.background{ background-color:#6000A4 }
```

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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