

# Converting Colors

Decimal(6291501)

Have a look what the booklet for  
Decimal(6291501) contains.

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# Color

**Decimal(6291501)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	60002D
RGB	96, 0, 45
RGB Percent	38%, 0%, 18%
CMY	0.6235, 1.0000, 0.8235
CMYK	0.00, 1.00, 0.53, 0.62
HSL	332°, 100%, 19%
HSV	332°, 100%, 38%
XYZ	5.2975, 2.6763, 2.7200
YIQ	33.8340, 42.7710, 34.3470

# Conversions

## Conversions Part 2

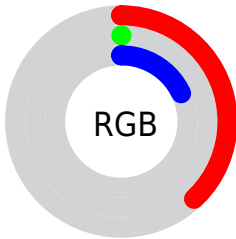
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">96, 0, 45</a>
Decimal	<a href="#">6291501</a>
CIELab	<a href="#">18.70, 41.43, 1.36</a>
CIELCh	<a href="#">19, 41.455, 1.878</a>
Yxy	<a href="#">2.6763, 0.4954, 0.2503</a>
Android (android.graphics.Color)	<a href="#">4284481581 (0xFF60002D)</a>
YUV	<a href="#">33.8340, 5.5048, 54.5196</a>
Hunter-Lab	<a href="#">16.3593, 29.1738, 1.5936</a>

# Details

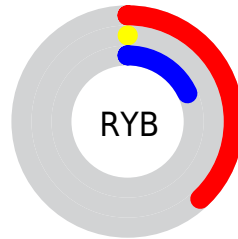
The Decimal color **6291501** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **24627**, and the grayscale version is **2236962**.

A 20% lighter version of the original color is **9911130**, and **3080194** is the 20% darker color. If you saturate the color by 10%, you get **6291501**, and if you desaturate by 10%, it is **6294066**.

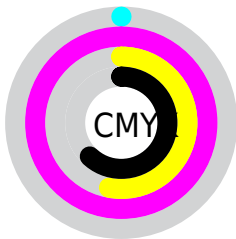
# Distribution



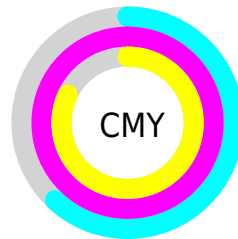
- Red (38%)
- Green (0%)
- Blue (18%)



- Red (38%)
- Yellow (0%)
- Blue (18%)



- Cyan (0%)
- Magenta (100%)
- Yellow (53%)
- Black (62%)



- Cyan (62%)
- Magenta (100%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6291501 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 6291501 by changing the saturation by 10% instead.



 6291501

 6291501

 16775935

 4522009

 9911130

 3080194

 11752819

 0

 13660044

 15633063

 16754114

 16761310

 16768506

 6291501

■ 6294066

■ 6296375

■ 6298940

■ 6301249

■ 6303815

■ 6306380

■ 6308689

■ 6311254

■ 6313563

# Harmonies

## Analogous

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



5378378



6291501



6098191

# Triad

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



6291501



1717248



14435

# Complementary

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



6291501



24627

# 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.



14925



6291501



14350

# Square

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



6291501



3681536



14895



12650

# Rectangle

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



6291501



5577216



14895



14685



# Sweetspot

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



6291501



8214377



3276896



4204852



12566463



4210752



# Same Dimension

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



6291501



8192059



6291968



3157038



7340085



15728752



# Inverse Universe

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



6291501



8192059



24160



3157038



7340085

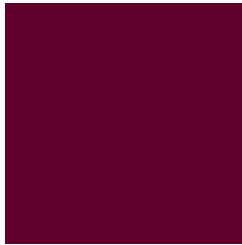


15728752



# Previews

## White Background



This preview shows how the Decimal color 6291501 looks on a white background.

## Color Contrast Check

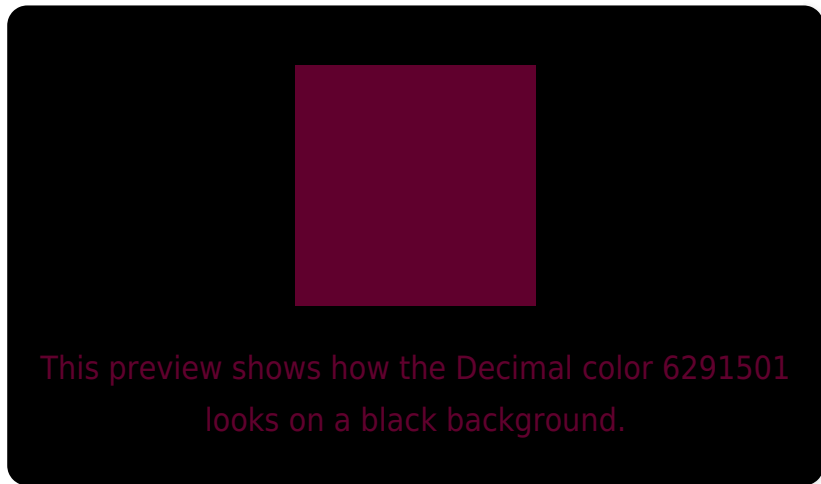
Large Text (above 18pt) WCAG AA ✓ Pass

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

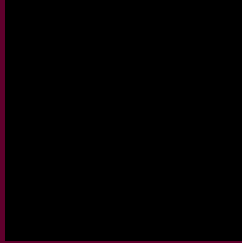
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 6291501 Background



This preview shows how black text looks on a background with the Decimal color 6291501.



This preview shows how white text looks on a background with the Decimal color 6291501.

# 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**  
6291501

**Protanopia**  
2961729

**Deuteranopia**  
3813417



# Trichromacy



**Original Color**  
6291501

**Protanomaly**  
4202298

**Deuteranomaly**  
4726570

**Tritanomaly**  
6228764

# Monochromacy



**Original Color**  
6291501

**Achromatopsia**  
2236962

**Achromatomaly**  
3741222

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6291501 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 #60002D looks like.

```
.text, #text, p{  
    color:#60002D  
}
```

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 #60002D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60002D
}
```

## Border

The CSS property to change the border of an element to Decimal 6291501 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".

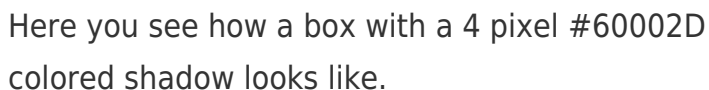
```
.border, #border, table{ border:4px solid
#60002D }
```

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

```
.border{ border-color:#60002D }
```

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

Here you see how a box with a 4 pixel #60002D colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a dark red border and a dark red shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60002D; -webkit-box-shadow:4px 4px  
4px 4px #60002D; box-shadow:4px 4px 4px  
4px #60002D }
```

# Background

The CSS property to change the background color of an element to Decimal 6291501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60002D }
```

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

```
.background{ background-color:#60002D }
```

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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