

# Converting Colors

Decimal(10027776)

Have a look what the booklet for  
Decimal(10027776) contains.

<b>Decimal(10027776)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Decimal(10027776)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	990300
RGB	153, 3, 0
RGB Percent	60%, 1%, 0%
CMY	0.4000, 0.9882, 1.0000
CMYK	0.00, 0.98, 1.00, 0.40
HSL	1°, 100%, 30%
HSV	1°, 100%, 60%
XYZ	13.1694, 6.8374, 0.6256
YIQ	47.5080, 90.3630, 30.8670

# Conversions

## Conversions Part 2

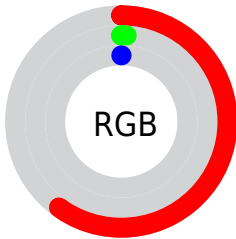
<b>Format</b>	<b>Color</b>
<b>RYB</b>	153, 3, 0
Decimal	10027776
CIELab	31.43, 54.27, 45.25
CIELCh	31, 70.661, 39.818
Yxy	6.8374, 0.6383, 0.3314
Android (android.graphics.Color)	4288217856 (0xFF990300)
YUV	47.5080, -23.4214, 92.5165
Hunter-Lab	26.1485, 44.1400, 16.8853

# Details

The Decimal color **10027776** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **38553**, and the grayscale version is **3158064**.

A 20% lighter version of the original color is **14174767**, and **6029312** is the 20% darker color. If you saturate the color by 10%, you get **10027776**, and if you desaturate by 10%, it is **10031631**.

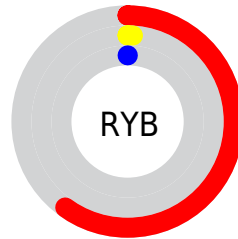
# Distribution



Red (60%)

Green (1%)

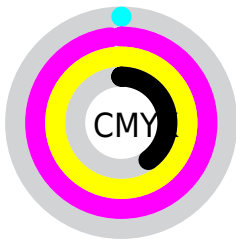
Blue (0%)



Red (60%)

Yellow (1%)

Blue (0%)

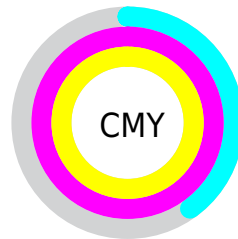


Cyan (0%)

Magenta (98%)

Yellow (100%)

Black (40%)



Cyan (40%)

Magenta (99%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 10027776 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 10027776 by changing the saturation by 10% instead.



 10027776

 10027776

 16777190

 7995392

 14174767

 6029312

 16278855

 4194306

 16744799

 2031617

 16751993

 0

 16759187

 16766638

 16774089

 10027776

 10031631

 10035487

 10039342

 10043197

 10047053

 10050908

 10054763

 10058618

 10062474

# Harmonies

## Analogous

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



10879035



10027776



7944192

# Triad

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



10027776



23840



19642

# Complementary

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



10027776



38553

# 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.



23476



10027776



24412

# Square

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



10027776



22528



24465



6041249

# Rectangle

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



10027776



6047744



24465



21435



# Sweetspot

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



10027776



13077643



10027158



6504512



14935011



6513507



# Same Dimension

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



10027776



13042688



10047232



5064005



9175808



851968



# Inverse Universe

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



38553



50119



19097



4541517



35468

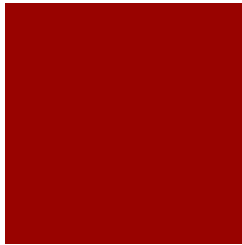


3341



# Previews

## White Background



This preview shows how the Decimal color 10027776 looks on a white background.

## Color Contrast Check

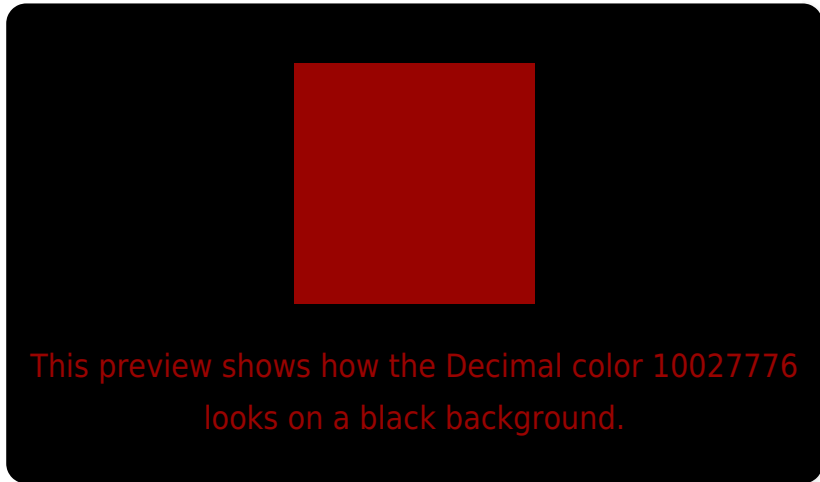
Large Text (above 18pt) WCAG AA ✓ Pass

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 10027776 Background



This preview shows how black text looks on a background with the Decimal color 10027776.



This preview shows how white text looks on a background with the Decimal color 10027776.

# 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**  
10027776

**Protanopia**  
5721364

**Deuteranopia**  
6375680



# Trichromacy



**Original Color**  
10027776

**Protanomaly**  
7287309

**Deuteranomaly**  
7680000

**Tritanomaly**  
9964032

# Monochromacy



**Original Color**  
10027776

**Achromatopsia**  
3158064

**Achromatomaly**  
5644319

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 10027776 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 #990300 looks like.

```
.text, #text, p{  
    color:#990300  
}
```

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 #990300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #990300
}
```

## Border

The CSS property to change the border of an element to Decimal 10027776 is called "border". The border property can be set on classes, ids or directly on the HTML element.

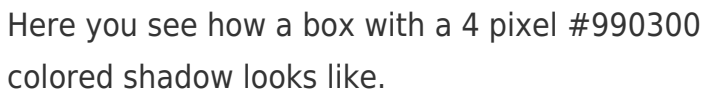
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#990300 }
```

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

```
.border{ border-color:#990300 }
```

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



Here you see how a box with a 4 pixel #990300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #990300; -webkit-box-shadow:4px 4px  
4px 4px #990300; box-shadow:4px 4px 4px  
4px #990300 }
```

# Background

The CSS property to change the background color of an element to Decimal 10027776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#990300 }
```

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

```
.background{ background-color:#990300 }
```

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](#).



Hey! You found this booklet  
interesting? Support Converting  
Colors with the new Membership  
Option!

The pro membership hides all ads, plus gives you  
double the colors in the color bucket, and more  
awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor