

# Converting Colors

Decimal(5051956)

Have a look what the booklet for  
Decimal(5051956) contains.

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# Color

**Decimal(5051956)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4D1634
RGB	77, 22, 52
RGB Percent	30%, 9%, 20%
CMY	0.6980, 0.9137, 0.7961
CMYK	0.00, 0.71, 0.32, 0.70
HSL	327°, 56%, 19%
HSV	327°, 71%, 30%
XYZ	3.9673, 2.3995, 3.5029
YIQ	41.8650, 23.1500, 20.9900

# Conversions

## Conversions Part 2

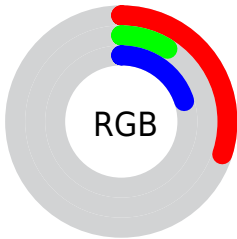
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	77, 22, 52
Decimal	5051956
CIE Lab	17.46, 29.23, -5.92
CIE LCh	17, 29.821, 348.545
Yxy	2.3995, 0.4020, 0.2431
Android (android.graphics.Color)	4283242036 (0xFF4D1634)
YUV	41.8650, 4.9966, 30.8134
Hunter-Lab	15.4904, 18.6081, -2.5640

# Details

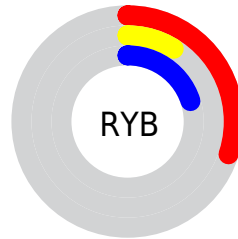
The Decimal color **5051956** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **1461551**, and the grayscale version is **2763306**.

A 20% lighter version of the original color is **8406370**, and **2031621** is the 20% darker color. If you saturate the color by 10%, you get **5049905**, and if you desaturate by 10%, it is **5054008**.

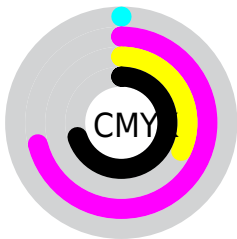
# Distribution



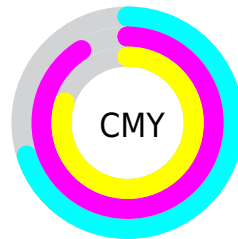
- Red (30%)
- Green (9%)
- Blue (20%)



- Red (30%)
- Yellow (9%)
- Blue (20%)



- Cyan (0%)
- Magenta (71%)
- Yellow (32%)
- Black (70%)



- Cyan (70%)
- Magenta (91%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5051956 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 5051956 by changing the saturation by 10% instead.



■ 5051956

■ 5051956

16777215

■ 3473439

■ 8406370

■ 2031621

■ 10182267

■ 0

■ 12023701

■ 13865392

■ 15707339

■ 16763111

■ 16770303

■ 5051956

■ 5051956

■ 5049905

■ 5054008

■ 5048109

■ 5055803

■ 5046314

■ 5057855

■ 5059906

■ 5061958

■ 5063753

■ 5065805

■ 5067856

■ 5069651

# Harmonies

## Analogous

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



3940167



5051956



5314079

# Triad

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



5051956



2764288



13131

# Complementary

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



5051956



1461551

# 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.



13624



5051956



864780

# Square

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



5051956



4007680



13346



12373

# Rectangle

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



5051956



5053201



13346



13381



# Sweetspot

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



5051956



6508378



3085901



3352109



11776947



3355443



# Same Dimension

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



5051956



6491709



5051929



2499109



6684728



15073405



# Inverse Universe

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



5051956



6491709



1461578



2499109



6684728

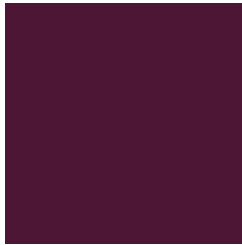


15073405



# Previews

## White Background



This preview shows how the Decimal color 5051956 looks on a white background.

## Color Contrast Check

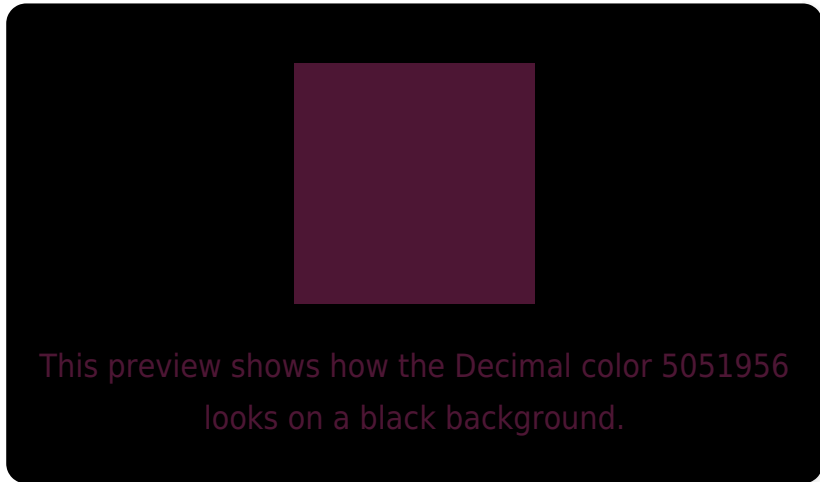
Large Text (above 18pt) WCAG AA ✓ Pass

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

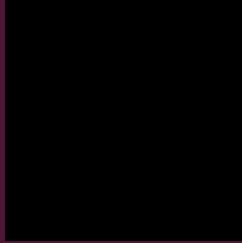
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 5051956 Background



This preview shows how black text looks on a background with the Decimal color 5051956.



This preview shows how white text looks on a background with the Decimal color 5051956.

# 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**  
5051956

**Protanopia**  
2370627

**Deuteranopia**  
3025713



**Tritanopia**  
4922398

# Trichromacy



**Original Color**  
5051956

**Protanomaly**  
3351614

**Deuteranomaly**  
3744562

**Tritanomaly**  
4987430

# Monochromacy



**Original Color**  
5051956

**Achromatopsia**  
2763306

**Achromatomaly**  
3613486

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5051956 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 #4D1634 looks like.

```
.text, #text, p{  
    color:#4D1634  
}
```

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 #4D1634 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D1634
}
```

## Border

The CSS property to change the border of an element to Decimal 5051956 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".

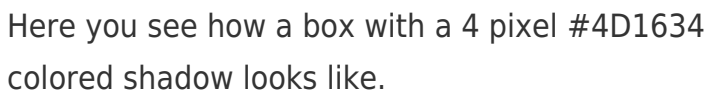
```
.border, #border, table{ border:4px solid
#4D1634 }
```

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

```
.border{ border-color:#4D1634 }
```

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

Here you see how a box with a 4 pixel #4D1634 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D1634; -webkit-box-shadow:4px 4px  
4px 4px #4D1634; box-shadow:4px 4px 4px  
4px #4D1634 }
```

# Background

The CSS property to change the background color of an element to Decimal 5051956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D1634 }
```

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

```
.background{ background-color:#4D1634 }
```

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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