

# Converting Colors

Decimal(10040640)

Have a look what the booklet for  
Decimal(10040640) contains.

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# Color

**Decimal(10040640)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	993540
RGB	153, 53, 64
RGB Percent	60%, 21%, 25%
CMY	0.4000, 0.7922, 0.7490
CMYK	0.00, 0.65, 0.58, 0.40
HSL	353°, 49%, 40%
HSV	353°, 65%, 60%
XYZ	15.3354, 9.6887, 5.9123
YIQ	84.1540, 56.0690, 24.6210

# Conversions

## Conversions Part 2

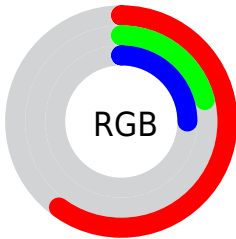
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">153, 53, 64</a>
Decimal	<a href="#">10040640</a>
CIELab	<a href="#">37.28, 42.55, 16.12</a>
CIELCh	<a href="#">37, 45.507, 20.751</a>
Yxy	<a href="#">9.6887, 0.4957, 0.3132</a>
Android (android.graphics.Color)	<a href="#">4288230720 (0xFF993540)</a>
YUV	<a href="#">84.1540, -9.9359, 60.3779</a>
Hunter-Lab	<a href="#">31.1266, 33.4713, 10.5269</a>

# Details

The Decimal color **10040640** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **3512718**, and the grayscale version is **5526612**.

A 20% lighter version of the original color is **13920624**, and **6291478** is the 20% darker color. If you saturate the color by 10%, you get **10036786**, and if you desaturate by 10%, it is **10044494**.

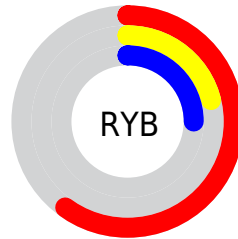
# Distribution



Red (60%)

Green (21%)

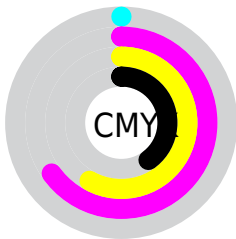
Blue (25%)



Red (60%)

Yellow (21%)

Blue (25%)

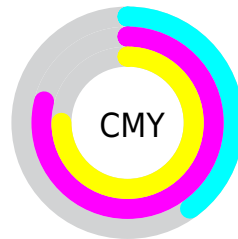


Cyan (0%)

Magenta (65%)

Yellow (58%)

Black (40%)



Cyan (40%)

Magenta (79%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 10040640 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 10040640 by changing the saturation by 10% instead.



 10040640

 10040640

16777215

 8132906

 13920624

 6291478

 15893641

 4521984

 16752547

 2818049

 16759486

 0

 16766938

 16774390

 10040640

 10040640

 10036786

 10044494

 10032677

 10048603

 10028823

 10052457

 10027025

 10056310

 10060420

 10064274

 10068127

 10071981

 10076091

# Harmonies

## Analogous

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



9712741



10040640



9192223

# Triad

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



10040640



2188582



24480

# Complementary

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



10040640



3512718

# 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.



26256



10040640



26699

# Square

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



10040640



5332485



26993



4281245

# Rectangle

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



10040640



8211723



26993



25245



# Sweetspot

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



10040640



13082531



9254297



6507598



14935011



6513507



# Same Dimension

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



10040640



13052989



10050357



5064006



9175055



851969



# Inverse Universe

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



10040640



13052989



3503001



5064006



9175055

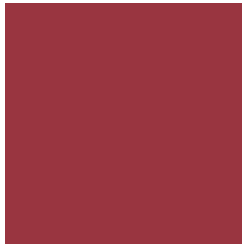


851969



# Previews

## White Background



This preview shows how the Decimal color 10040640 looks on a white background.

## Color Contrast Check

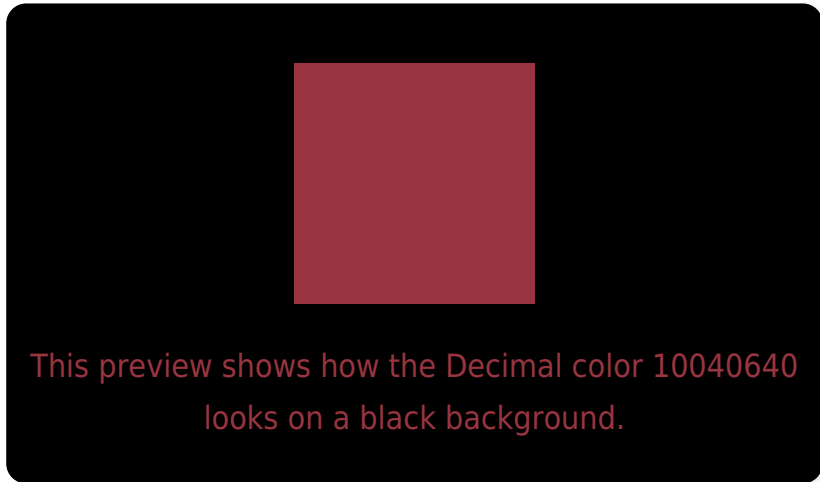
Large Text (above 18pt) WCAG AA ✓ Pass

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 10040640 Background



This preview shows how black text looks on a background with the Decimal color 10040640.



This preview shows how white text looks on a background with the Decimal color 10040640.

# 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





# Trichromacy



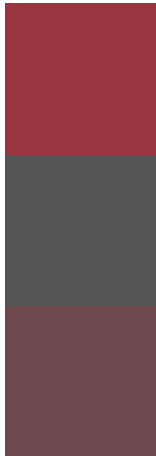
**Original Color**  
10040640

**Protanomaly**  
7490378

**Deuteranomaly**  
8079677

**Tritanomaly**  
10040892

# Monochromacy



**Original Color**  
10040640

**Achromatopsia**  
5526612

**Achromatomaly**  
7162189

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 10040640 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 #993540 looks like.

```
.text, #text, p{  
    color:#993540  
}
```

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 #993540 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #993540
}
```

## Border

The CSS property to change the border of an element to Decimal 10040640 is called "border". The border property can be set on classes, ids or directly on the HTML element.

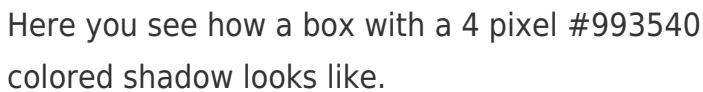
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#993540 }
```

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

```
.border{ border-color:#993540 }
```

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



Here you see how a box with a 4 pixel #993540 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #993540; -webkit-box-shadow:4px 4px  
4px 4px #993540; box-shadow:4px 4px 4px  
4px #993540 }
```

# Background

The CSS property to change the background color of an element to Decimal 10040640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#993540 }
```

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

```
.background{ background-color:#993540 }
```

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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