

Converting Colors

Decimal(10040122)

Have a look what the booklet for
Decimal(10040122) contains.

Decimal(10040122)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(10040122)

Conversions

Conversions Part 1

Format	Color
Hex	99333A
RGB	153, 51, 58
RGB Percent	60%, 20%, 23%
CMY	0.4000, 0.8000, 0.7725
CMYK	0.00, 0.67, 0.62, 0.40
HSL	356°, 50%, 40%
HSV	356°, 67%, 60%
XYZ	15.0844, 9.4454, 5.0311
YIQ	82.2960, 58.5450, 23.8010

Conversions

Conversions Part 2

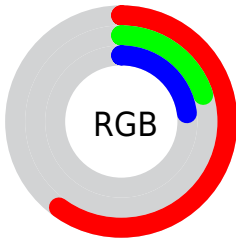
Format	Color
R_{YB}	153, 51, 58
Decimal	10040122
CIE _{Lab}	36.83, 43.00, 19.31
CIE _{LCh}	37, 47.139, 24.189
Yxy	9.4454, 0.5103, 0.3195
Android (android.graphics.Color)	4288230202 (0xFF99333A)
YUV	82.2960, -11.9779, 62.0074
Hunter-Lab	30.7334, 33.8268, 11.8076

Details

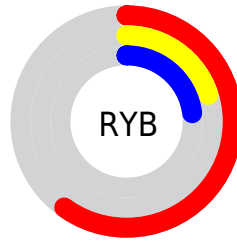
The Decimal color **10040122** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **3381650**, and the grayscale version is **5395026**.

A 20% lighter version of the original color is **13920105**, and **6291472** is the 20% darker color. If you saturate the color by 10%, you get **10036268**, and if you desaturate by 10%, it is **10043976**.

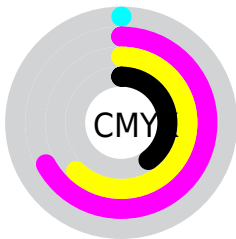
Distribution



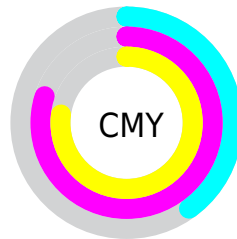
- Red (60%)
- Green (20%)
- Blue (23%)



- Red (60%)
- Yellow (20%)
- Blue (23%)



- Cyan (0%)
- Magenta (67%)
- Yellow (62%)
- Black (40%)



- Cyan (40%)
- Magenta (80%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 10040122 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 10040122 by changing the saturation by 10% instead.

 10040122

 10040122

16777215

 8132388

 13920105

 6291472

 15893122

 4456448

 16752028

 2752513

 16758967

 0

 16766419

 16773871

 10040122

 10040122

 10036268

 10043976

■ 10032158

■ 10048087

■ 10028303

■ 10051941

■ 10027019

■ 10055795

■ 10059905

■ 10063760

■ 10067614

■ 10071468

■ 10075578

Harmonies

Analogous

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



9842784



10040122



9061144

Triad

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



10040122



1074215



23970

Complementary

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



10040122



3381650

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.



26004



10040122



26702

Square

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



10040122



4939266



26741



4673692

Rectangle

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



10040122



7949569



26741



24992

Sweetspot

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



10040122



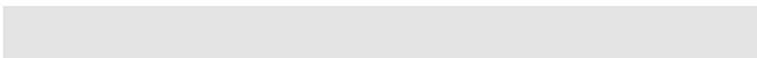
13082530



9450393



6507597



14935011



6513507

Same Dimension

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



10040122



13051955



10051123



5064005



9175050



851969

Inverse Universe

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



10040122



13051955



3370905



5064005



9175050



851969

Previews

White Background



This preview shows how the Decimal color 10040122 looks on a white background.

Color Contrast Check

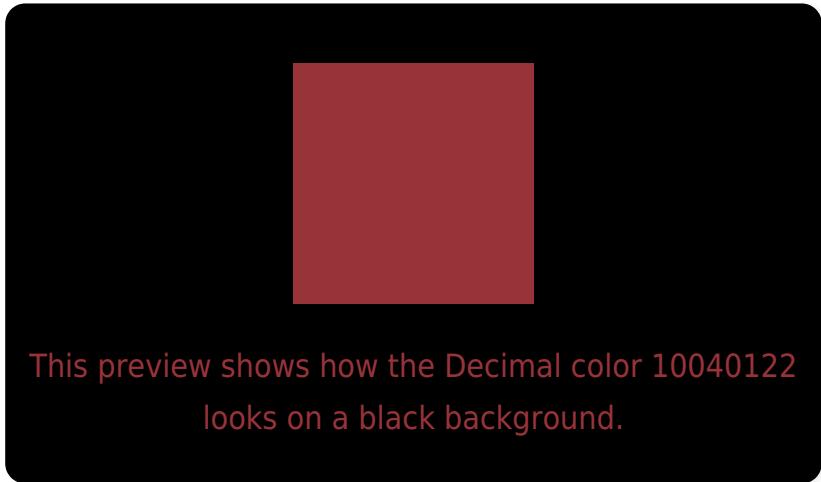
Large Text (above 18pt) WCAG AA ✓ Pass

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

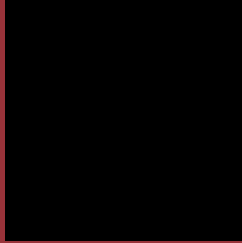
Any Text WCAG AA × Fail

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 10040122 Background



This preview shows how black text looks on a background with the Decimal color 10040122.



This preview shows how white text looks on a background with the Decimal color 10040122.

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
10040122

Protanopia
6051657

Deuteranopia
6968373

Trichromacy



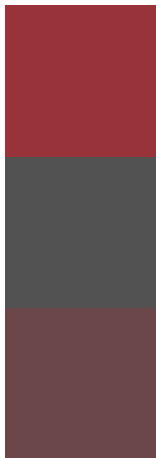
Original Color
10040122

Protanomaly
7490116

Deuteranomaly
8079415

Tritanomaly
10040375

Monochromacy



Original Color
10040122

Achromatopsia
5395026

Achromatomaly
7096137

CSS Examples

Text

The CSS property to change the color of the text to Decimal 10040122 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 #99333A looks like.

```
.text, #text, p{  
    color:#99333A  
}
```

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 #99333A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99333A
}
```

Border

The CSS property to change the border of an element to Decimal 10040122 is called "border". The border property can be set on classes, ids or directly on the HTML element.

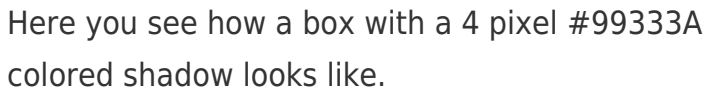
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#99333A }
```

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

```
.border{ border-color:#99333A }
```

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



Here you see how a box with a 4 pixel #99333A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99333A; -webkit-box-shadow:4px 4px  
4px 4px #99333A; box-shadow:4px 4px 4px  
4px #99333A }
```

Background

The CSS property to change the background color of an element to Decimal 10040122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99333A }
```

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

```
.background{ background-color:#99333A }
```

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