

# Converting Colors

Decimal(10046291)

Have a look what the booklet for  
Decimal(10046291) contains.

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# Color

**Decimal(10046291)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	994B53
RGB	153, 75, 83
RGB Percent	60%, 29%, 33%
CMY	0.4000, 0.7059, 0.6745
CMYK	0.00, 0.51, 0.46, 0.40
HSL	354°, 34%, 45%
HSV	354°, 51%, 60%
XYZ	17.2143, 12.4290, 9.6754
YIQ	99.2340, 43.9200, 19.0240

# Conversions

## Conversions Part 2

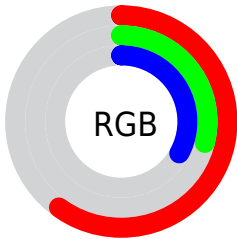
Format	Color
<b>R<sub>YB</sub></b>	153, 75, 83
Decimal	10046291
CIE Lab	41.89, 33.37, 10.56
CIE LCh	42, 34.998, 17.565
Yxy	12.4290, 0.4378, 0.3161
Android (android.graphics.Color)	4288236371 (0xFF994B53)
YUV	99.2340, -8.0034, 47.1528
Hunter-Lab	35.2548, 25.4625, 8.4067

# Details

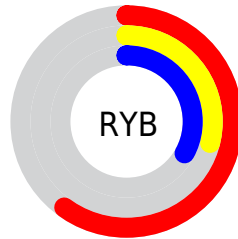
The Decimal color **10046291** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **4954513**, and the grayscale version is **6513507**.

A 20% lighter version of the original color is **13794948**, and **6429222** is the 20% darker color. If you saturate the color by 10%, you get **10042437**, and if you desaturate by 10%, it is **10050145**.

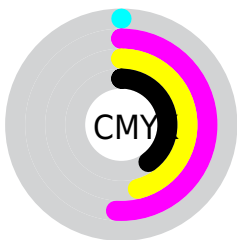
# Distribution



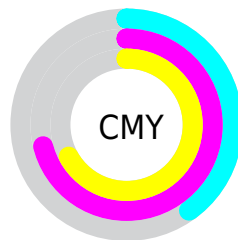
- Red (60%)
- Green (29%)
- Blue (33%)



- Red (60%)
- Yellow (29%)
- Blue (33%)



- Cyan (0%)
- Magenta (51%)
- Yellow (46%)
- Black (40%)



- Cyan (40%)
- Magenta (71%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 10046291 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 10046291 by changing the saturation by 10% instead.





10046291



10046291

16777215



8205116



13794948



6429222



15702174



4718610



16757945



3145728



16765141



0



16772337



10046291



10046291



10042437



10050145



10038328



10054254

 10034474

 10058108

 10030620

 10061962

 10027024

 10066072

 10069925

 10073779

 10077633

 10081743

# Harmonies

## Analogous

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



9587824



10046291



9523769

# Triad

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



10046291



4353339



27035

# Complementary

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



10046291



4954513

# 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.



28557



10046291



422229

# Square

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



10046291



6514473



29043



5333146

# Rectangle

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



10046291



8739117



29043



27800



# Sweetspot

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



10046291



13085100



9456537



6509139



14935011



6513507



# Same Dimension

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



10046291



13061722



10053963



5064006



9175054



851969



# Inverse Universe

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



10046291



13061722



4946841



5064006



9175054

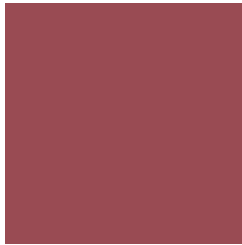


851969



# Previews

## White Background



This preview shows how the Decimal color 10046291 looks on a white background.

## Color Contrast Check

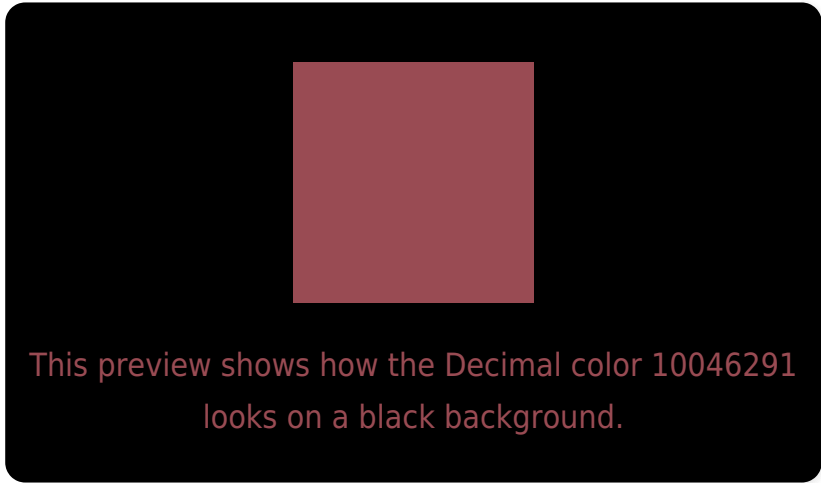
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

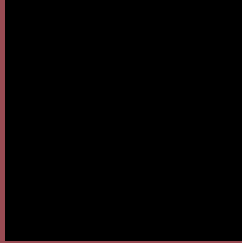
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 10046291 Background



This preview shows how black text looks on a background with the Decimal color 10046291.



This preview shows how white text looks on a background with the Decimal color 10046291.

# 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



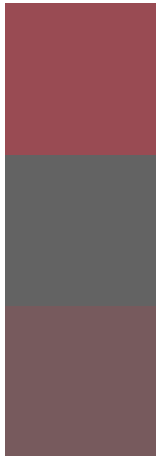
**Original Color**  
10046291

**Protanomaly**  
7952987

**Deuteranomaly**  
8476753

**Tritanomaly**  
10046290

# Monochromacy



**Original Color**  
10046291

**Achromatopsia**  
6513507

**Achromatomaly**  
7821917

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 10046291 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 #994B53 looks like.

```
.text, #text, p{  
    color:#994B53  
}
```

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 #994B53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #994B53  
}
```

## Border

The CSS property to change the border of an element to Decimal 10046291 is called "border". The border property can be set on classes, ids or directly on the HTML element.

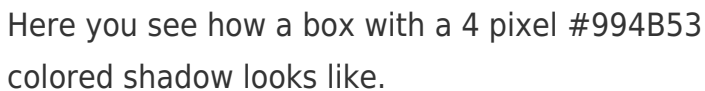
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#994B53 }
```

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

```
.border{ border-color:#994B53 }
```

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



Here you see how a box with a 4 pixel #994B53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #994B53; -webkit-box-shadow:4px 4px  
4px 4px #994B53; box-shadow:4px 4px 4px  
4px #994B53 }
```

# Background

The CSS property to change the background color of an element to Decimal 10046291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#994B53 }
```

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

```
.background{ background-color:#994B53 }
```

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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