

# Converting Colors

Decimal(10301290)

Have a look what the booklet for  
Decimal(10301290) contains.

<b>Decimal(10301290)</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(10301290)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9D2F6A
RGB	157, 47, 106
RGB Percent	62%, 18%, 42%
CMY	0.3843, 0.8157, 0.5843
CMYK	0.00, 0.70, 0.32, 0.38
HSL	328°, 54%, 40%
HSV	328°, 70%, 62%
XYZ	17.5227, 10.2417, 14.6890
YIQ	86.6160, 46.6210, 41.6690

# Conversions

## Conversions Part 2

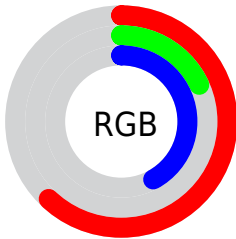
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	157, 47, 106
Decimal	10301290
CIE <sub>Lab</sub>	38.27, 50.64, -9.00
CIE <sub>LCh</sub>	38, 51.430, 349.921
Yxy	10.2417, 0.4128, 0.2412
Android (android.graphics.Color)	4288491370 (0xFF9D2F6A)
YUV	86.6160, 9.5563, 61.7268
Hunter-Lab	32.0027, 41.7306, -4.8117

# Details

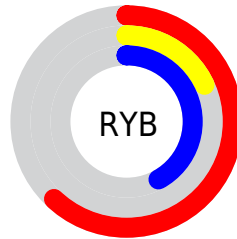
The Decimal color **10301290** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **3120482**, and the grayscale version is **5658198**.

A 20% lighter version of the original color is **14116253**, and **6619195** is the 20% darker color. If you saturate the color by 10%, you get **10297187**, and if you desaturate by 10%, it is **10305393**.

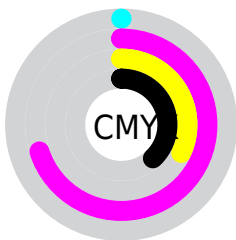
# Distribution



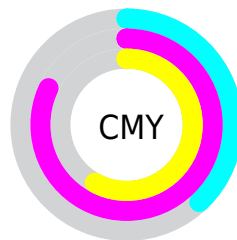
- Red (62%)
- Green (18%)
- Blue (42%)



- Red (62%)
- Yellow (18%)
- Blue (42%)



- Cyan (0%)
- Magenta (70%)
- Yellow (32%)
- Black (38%)



- Cyan (38%)
- Magenta (82%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 10301290 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 10301290 by changing the saturation by 10% instead.



 10301290

 10301290

16777215

 8457554

 14116253

 6619195

 16023736

 4849701

 16751828

 3342352

 16759024

 0

 16766207

 16773887

 10301290

 10301290

 10297187

 10305393

10293339

10309241

10289236

10313344

10317447

10321550

10325398

10329501

10333604

10337452

# Harmonies

## Analogous

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



8274320



10301290



10694464

# Triad

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



10301290



5464064



27545

# Complementary

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



10301290



3120482

# 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.



28021



10301290



1599519

# Square

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



10301290



7951104



27722



25517

# Rectangle

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



10301290



10238502



27722



27791



# Sweetspot

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



10301290



13410744



6369181



6704474



15132390



6710886



# Same Dimension

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



10301290



13377917



10301237



5195595



9371725



983048



# Inverse Universe

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



10301290



13377917



3120535



5195595



9371725



983048



# Previews

## White Background



This preview shows how the Decimal color 10301290 looks on a white background.

## Color Contrast Check

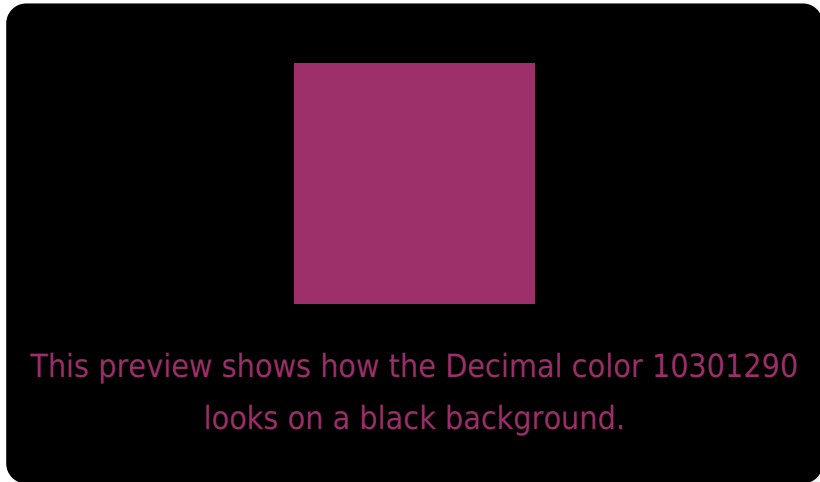
Large Text (above 18pt) WCAG AA ✓ Pass

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 10301290 Background



This preview shows how black text looks on a background with the Decimal color 10301290.



This preview shows how white text looks on a background with the Decimal color 10301290.

# 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



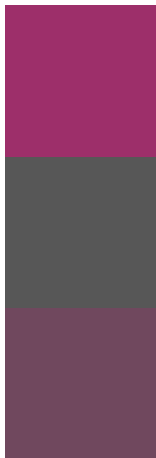
**Original Color**  
10301290

**Protanomaly**  
6900349

**Deuteranomaly**  
7752294

**Tritanomaly**  
10172238

# Monochromacy



**Original Color**  
10301290

**Achromatopsia**  
5723991

**Achromatomaly**  
7358558

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 10301290 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 #9D2F6A looks like.

```
.text, #text, p{  
    color:#9D2F6A  
}
```

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 #9D2F6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D2F6A
}
```

## Border

The CSS property to change the border of an element to Decimal 10301290 is called "border". The border property can be set on classes, ids or directly on the HTML element.

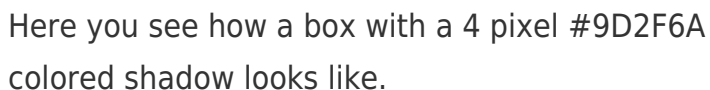
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9D2F6A }
```

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

```
.border{ border-color:#9D2F6A }
```

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



Here you see how a box with a 4 pixel #9D2F6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D2F6A; -webkit-box-shadow:4px 4px  
4px 4px #9D2F6A; box-shadow:4px 4px 4px  
4px #9D2F6A }
```

# Background

The CSS property to change the background color of an element to Decimal 10301290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D2F6A }
```

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

```
.background{ background-color:#9D2F6A }
```

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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