

Converting Colors

Decimal(9648490)

Have a look what the booklet for
Decimal(9648490) contains.

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Color

Decimal(9648490)

Conversions

Conversions Part 1

Format	Color
Hex	93396A
RGB	147, 57, 106
RGB Percent	58%, 22%, 42%
CMY	0.4235, 0.7765, 0.5843
CMYK	0.00, 0.61, 0.28, 0.42
HSL	327°, 44%, 40%
HSV	327°, 61%, 58%
XYZ	16.0973, 10.1699, 14.7502
YIQ	89.4960, 37.9110, 34.3190

Conversions

Conversions Part 2

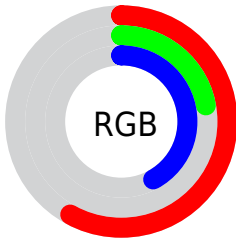
Format	Color
R_{YB}	147, 57, 106
Decimal	9648490
CIE _{Lab}	38.15, 43.25, -9.36
CIE _{LCh}	38, 44.251, 347.785
Yxy	10.1699, 0.3924, 0.2479
Android (android.graphics.Color)	4287838570 (0xFF93396A)
YUV	89.4960, 8.1365, 50.4310
Hunter-Lab	31.8903, 34.2935, -5.1002

Details

The Decimal color **9648490** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **3773282**, and the grayscale version is **5855577**.

A 20% lighter version of the original color is **13331869**, and **6094907** is the 20% darker color. If you saturate the color by 10%, you get **9644643**, and if you desaturate by 10%, it is **9652337**.

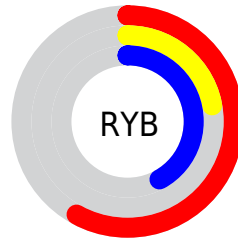
Distribution



Red (58%)

Green (22%)

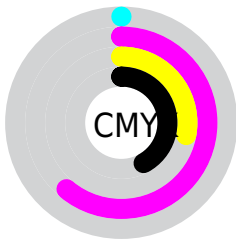
Blue (42%)



Red (58%)

Yellow (22%)

Blue (42%)

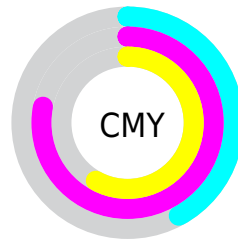


Cyan (0%)

Magenta (61%)

Yellow (28%)

Black (42%)



Cyan (42%)

Magenta (78%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 9648490 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 9648490 by changing the saturation by 10% instead.

 9648490

 9648490

16777215

 7872082

 13331869

 6094907

 15304632

 4390949

 16753620

 2949136

 16760560

 0

 16767999

 16775423

 9648490

 9648490

 9644643

 9652337

9641053

9655927

9637206

9659774

9633872

9663621

9667467

9671058

9674905

9678752

9682342

Harmonies

Analogous

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



7751562



9648490



10106950

Triad

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



9648490



5791498



27022

Complementary

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



9648490



3773282

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.



27503



9648490



2909734

Square

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



9648490



7885579



27209



25248

Rectangle

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



9648490



9781040



27209



27269

Sweetspot

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



9648490



12557744



6437267



6376535



14737632



6381921

Same Dimension

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



9648490



12530816



9648445



4866887



9044043



655366

Inverse Universe

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



9648490



12530816



3773326



4866887



9044043



655366

Previews

White Background



This preview shows how the Decimal color 9648490 looks on a white background.

Color Contrast Check

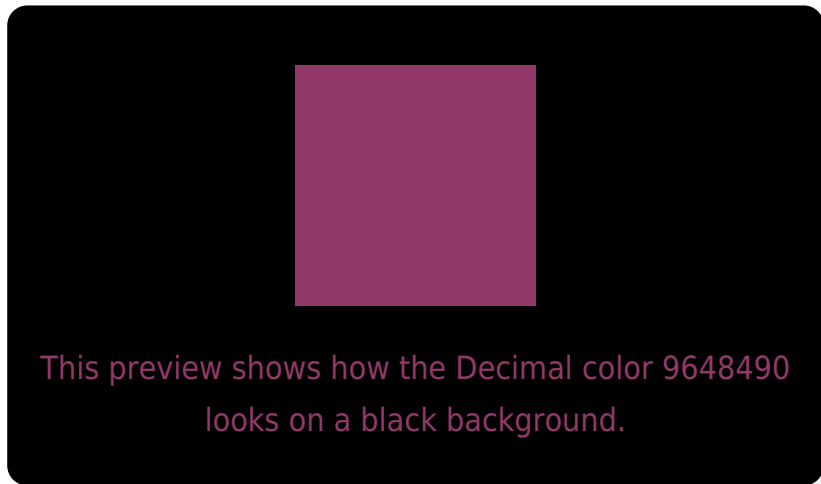
Large Text (above 18pt) WCAG AA ✓ Pass

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

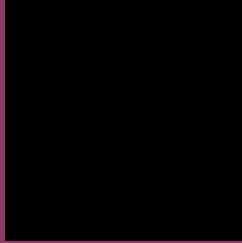
Any Text WCAG AA × Fail

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 9648490 Background



This preview shows how black text looks on a background with the Decimal color 9648490.



This preview shows how white text looks on a background with the Decimal color 9648490.

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



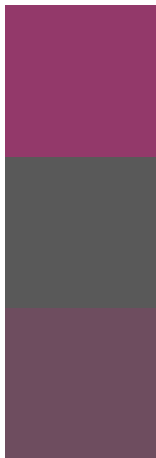
Original Color
9648490

Protanomaly
6770041

Deuteranomaly
7425383

Tritanomaly
9518675

Monochromacy



Original Color
9648490

Achromatopsia
5855577

Achromatomaly
7228767

CSS Examples

Text

The CSS property to change the color of the text to Decimal 9648490 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 #93396A looks like.

```
.text, #text, p{  
    color:#93396A  
}
```

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 #93396A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93396A
}
```

Border

The CSS property to change the border of an element to Decimal 9648490 is called "border". The border property can be set on classes, ids or directly on the HTML element.

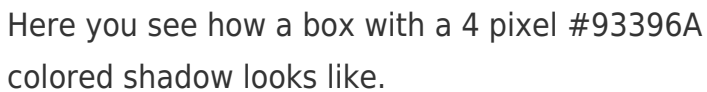
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#93396A }
```

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

```
.border{ border-color:#93396A }
```

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



Here you see how a box with a 4 pixel #93396A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93396A; -webkit-box-shadow:4px 4px  
4px 4px #93396A; box-shadow:4px 4px 4px  
4px #93396A }
```

Background

The CSS property to change the background color of an element to Decimal 9648490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93396A }
```

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

```
.background{ background-color:#93396A }
```

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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