

Converting Colors

Decimal(10368964)

Have a look what the booklet for
Decimal(10368964) contains.

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Color

Decimal(10368964)

Conversions

Conversions Part 1

Format	Color
Hex	9E37C4
RGB	158, 55, 196
RGB Percent	62%, 22%, 77%
CMY	0.3804, 0.7843, 0.2314
CMYK	0.19, 0.72, 0.00, 0.23
HSL	284°, 56%, 49%
HSV	284°, 72%, 77%
XYZ	25.4305, 13.9870, 53.5840
YIQ	101.8710, 16.1270, 65.6870

Conversions

Conversions Part 2

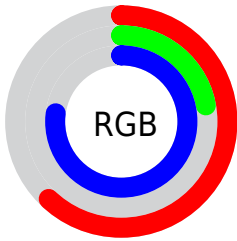
Format	Color
R_{YB}	158, 55, 196
Decimal	10368964
CIE _{Lab}	44.21, 62.64, -54.08
CIE _{LCh}	44, 82.761, 319.194
Yxy	13.9870, 0.2734, 0.1504
Android (android.graphics.Color)	4288559044 (0xFF9E37C4)
YUV	101.8710, 46.4056, 49.2251
Hunter-Lab	37.3992, 55.9271, -58.7687

Details

The Decimal color **10368964** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **6145079**, and the grayscale version is **6645093**.

A 20% lighter version of the original color is **14184445**, and **6684813** is the 20% darker color. If you saturate the color by 10%, you get **10036164**, and if you desaturate by 10%, it is **10701764**.

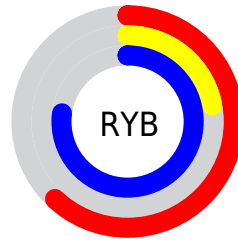
Distribution



Red (62%)

Green (22%)

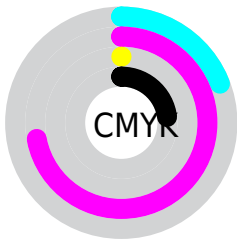
Blue (77%)



Red (62%)

Yellow (22%)

Blue (77%)

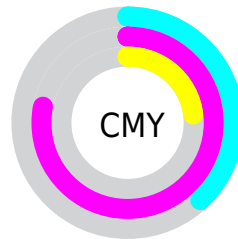


Cyan (19%)

Magenta (72%)

Yellow (0%)

Black (23%)



Cyan (38%)

Magenta (78%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 10368964 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 10368964 by changing the saturation by 10% instead.

 10368964


 10368964

16777215

 8525224

 14184445

 6684813

 16157695

 4849779

 16754687

 3080282

 16761855

 983105

 16769279

 810

 16776703

 276

 0

 10368964

 10368964

10036164

10701764

9638084

11099844

9371844

11432644

11765188

12097988

12496324

12828868

13161668

13559748

Harmonies

Analogous

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



25325



10368964



13762693

Triad

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



10368964



9723136



33940

Complementary

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



10368964



6145079

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.



33356



10368964



5665536

Square

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



10368964



12727552



32000



33489

Rectangle

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



10368964



14418007



32000



33917

Sweetspot

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



10368964



15779839



3628996



7822976



0



8421504

Same Dimension

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



10368964



12854527



12859301



6182753



7667873



1572897

Inverse Universe

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



12859229



16720991



3654742



6379354



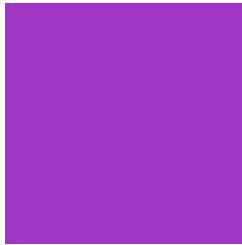
10551339



2162697

Previews

White Background



This preview shows how the Decimal color 10368964 looks on a white background.

Color Contrast Check

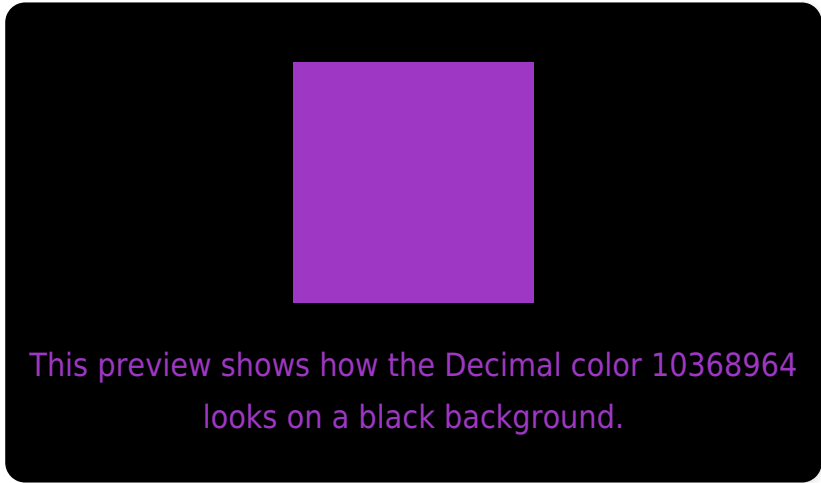
Large Text (above 18pt) WCAG AA ✓ Pass

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 10368964 Background



This preview shows how black text looks on a background with the Decimal color 10368964.

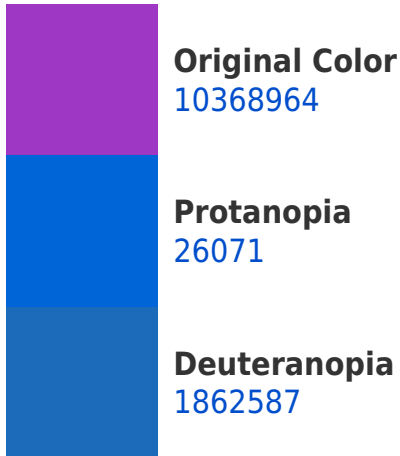


This preview shows how white text looks on a background with the Decimal color 10368964.

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

10368964



Protanomaly

3757264



Deuteranomaly

4937918



Tritanomaly

9719172

Monochromacy



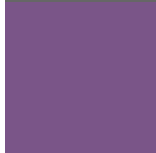
Original Color

10368964



Achromatopsia

6710886



Achromatomaly

8017288

CSS Examples

Text

The CSS property to change the color of the text to Decimal 10368964 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 #9E37C4 looks like.

```
.text, #text, p{  
    color:#9E37C4  
}
```

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 #9E37C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E37C4
}
```

Border

The CSS property to change the border of an element to Decimal 10368964 is called "border". The border property can be set on classes, ids or directly on the HTML element.

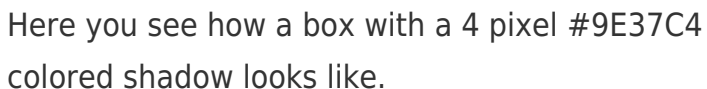
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9E37C4 }
```

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

```
.border{ border-color:#9E37C4 }
```

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



Here you see how a box with a 4 pixel #9E37C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E37C4; -webkit-box-shadow:4px 4px  
4px 4px #9E37C4; box-shadow:4px 4px 4px  
4px #9E37C4 }
```

Background

The CSS property to change the background color of an element to Decimal 10368964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E37C4 }
```

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

```
.background{ background-color:#9E37C4 }
```

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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