

Converting Colors

Decimal(3949149)

Have a look what the booklet for
Decimal(3949149) contains.

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Color

Decimal(3949149)

Conversions

Conversions Part 1

Format	Color
Hex	3C425D
RGB	60, 66, 93
RGB Percent	24%, 26%, 36%
CMY	0.7647, 0.7412, 0.6353
CMYK	0.35, 0.29, 0.00, 0.64
HSL	229°, 22%, 30%
HSV	229°, 35%, 36%
XYZ	5.7875, 5.6474, 11.1409
YIQ	67.2840, -12.2430, 7.1250

Conversions

Conversions Part 2

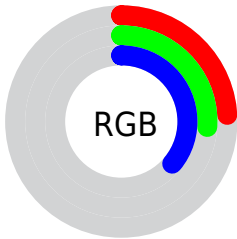
Format	Color
R _{YB}	60, 65, 93
Decimal	3949149
CIE Lab	28.50, 4.88, -16.81
CIE LCh	29, 17.505, 286.174
Yxy	5.6474, 0.2564, 0.2502
Android (android.graphics.Color)	4282139229 (0xFF3C425D)
YUV	67.2840, 12.6780, -6.3881
Hunter-Lab	23.7643, 1.8839, -11.1608

Details

The Decimal color **3949149** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **6117180**, and the grayscale version is **4408131**.

A 20% lighter version of the original color is **7107215**, and **989231** is the 20% darker color. If you saturate the color by 10%, you get **3357277**, and if you desaturate by 10%, it is **4541021**.

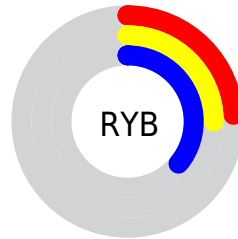
Distribution



Red (24%)

Green (26%)

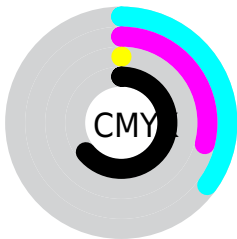
Blue (36%)



Red (24%)

Yellow (25%)

Blue (36%)

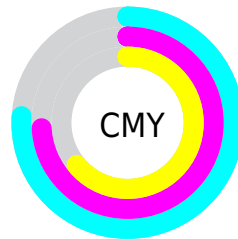


Cyan (35%)

Magenta (29%)

Yellow (0%)

Black (64%)



Cyan (76%)

Magenta (74%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3949149 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 3949149 by changing the saturation by 10% instead.

■ 3949149

■ 3949149

16777215

■ 2436165

■ 7107215

■ 989231

■ 8817578

■ 282

■ 10528453

■ 0

■ 12370401

■ 14212350

■ 16054783

■ 3949149

■ 3949149

■ 3357277

■ 4541021

■ 2700125

■ 5198173

■ 2108253

■ 5790045

■ 1516637

■ 6381661

■ 924765

■ 7039069

■ 267357

■ 7630941

■ 4445

■ 8222557

■ 8814429

■ 9471581

Harmonies

Analogous

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



2573917



3949149



5127510

Triad

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



3949149



5979184



2509372

Complementary

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



3949149



6117180

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.



3557424



3949149



5390377

Square

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



3949149



6175036



4539689



1526602

Rectangle

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



3949149



5716814



4539689



2837048

Sweetspot

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



3949149



7040376



3956055



3487549



12434877



4013373

Same Dimension

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



3949149



4476536



4602973



2697774



5230



11245

Inverse Universe

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



6110274



7881806



5463356



3025194



7208980



15532075

Previews

White Background



This preview shows how the Decimal color 3949149 looks on a white background.

Color Contrast Check

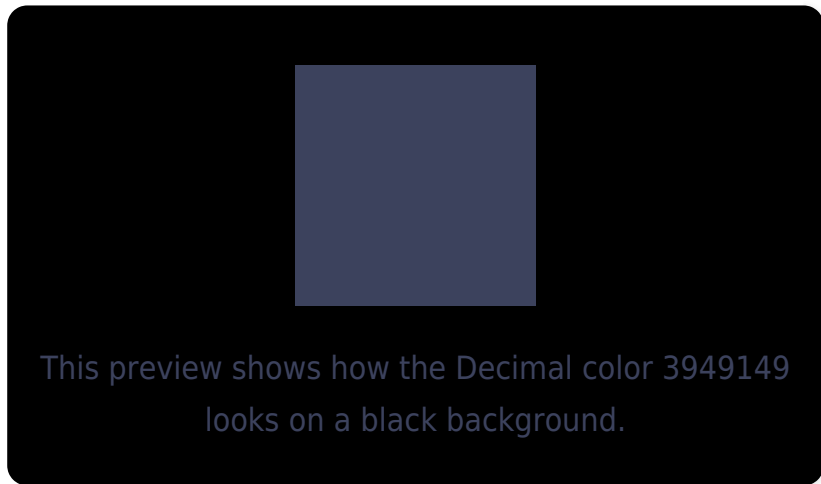
Large Text (above 18pt) WCAG AA ✓ Pass

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

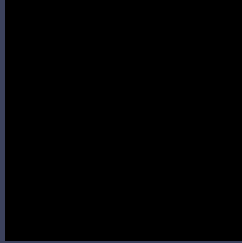
Any Text WCAG AA × Fail

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 3949149 Background



This preview shows how black text looks on a background with the Decimal color 3949149.



This preview shows how white text looks on a background with the Decimal color 3949149.

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

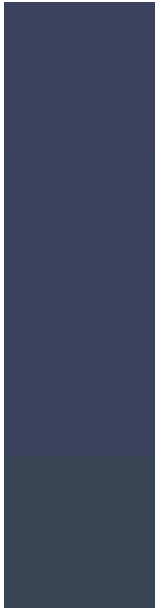


Original Color
3949149

Protanopia
3883613

Deuteranopia
3883613

Trichromacy



Original Color

3949149

Protanomaly

3883613

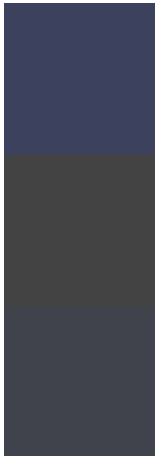
Deuteranomaly

3883613

Tritanomaly

3753042

Monochromacy



Original Color

3949149

Achromatopsia

4408131

Achromatomaly

4211532

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3949149 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 #3C425D looks like.

```
.text, #text, p{  
  color:#3C425D  
}
```

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 #3C425D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C425D
}
```

Border

The CSS property to change the border of an element to Decimal 3949149 is called "border". The border property can be set on classes, ids or directly on the HTML element.

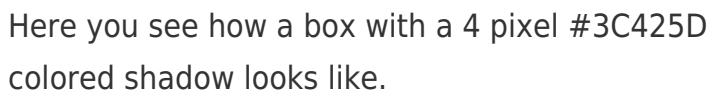
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3C425D }
```

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

```
.border{ border-color:#3C425D }
```

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



Here you see how a box with a 4 pixel #3C425D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C425D; -webkit-box-shadow:4px 4px  
4px 4px #3C425D; box-shadow:4px 4px 4px  
4px #3C425D }
```

Background

The CSS property to change the background color of an element to Decimal 3949149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C425D }
```

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

```
.background{ background-color:#3C425D }
```

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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