

Converting Colors

Decimal(4013433)

Have a look what the booklet for
Decimal(4013433) contains.

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Color

Decimal(4013433)

Conversions

Conversions Part 1

Format	Color
Hex	3D3D79
RGB	61, 61, 121
RGB Percent	24%, 24%, 47%
CMY	0.7608, 0.7608, 0.5255
CMYK	0.50, 0.50, 0.00, 0.53
HSL	240°, 33%, 36%
HSV	240°, 50%, 47%
XYZ	7.0444, 5.7101, 18.8200
YIQ	67.8400, -19.2600, 18.6600

Conversions

Conversions Part 2

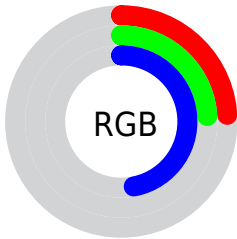
Format	Color
R _Y B	61, 61, 121
Decimal	4013433
CIE Lab	28.67, 17.49, -34.39
CIE LCh	29, 38.583, 296.951
Yxy	5.7101, 0.2231, 0.1808
Android (android.graphics.Color)	4282203513 (0xFF3D3D79)
YUV	67.8400, 26.2079, -5.9987
Hunter-Lab	23.8957, 10.8038, -29.9692

Details

The Decimal color **4013433** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **7960893**, and the grayscale version is **4473924**.

A 20% lighter version of the original color is **7367854**, and **267080** is the 20% darker color. If you saturate the color by 10%, you get **3223929**, and if you desaturate by 10%, it is **4802937**.

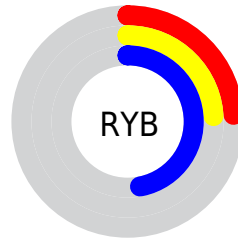
Distribution



Red (24%)

Green (24%)

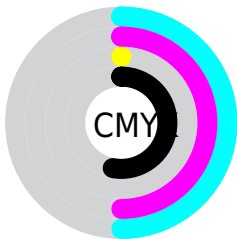
Blue (47%)



Red (24%)

Yellow (24%)

Blue (47%)

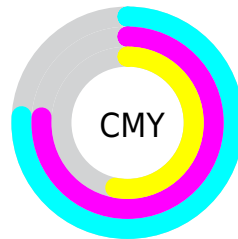


Cyan (50%)

Magenta (50%)

Yellow (0%)

Black (53%)



Cyan (76%)

Magenta (76%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4013433 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 4013433 by changing the saturation by 10% instead.

■ 4013433

■ 4013433

16777215

■ 2303840

■ 7367854

■ 267080

■ 9144009

■ 49

■ 10920166

■ 283

■ 12762111

■ 0

■ 14604031

■ 16511999

■ 4013433

■ 4013433

■ 3223929

■ 4802937

■ 2434425

■ 5592441

■ 1644921

■ 6381945

■ 855417

■ 7171449

■ 65913

■ 8026745

■ 121

■ 8816249

■ 9605753

■ 10395257

■ 11184761

Harmonies

Analogous

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



18559



4013433



6565733

Triad

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



4013433



7025936



20800

Complementary

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



4013433



7960893

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.



347937



4013433



5587200

Square

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



4013433



7809322



3688966



20830

Rectangle

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



4013433



7481426



3688966



20789

Sweetspot

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



4013433



8816286



4028793



4276559



13619151



5197647

Same Dimension

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



4013433



4145054



5979513



3618621



125



252

Inverse Universe

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



7945593



10370974



5994813



4011837



8192125



16515324

Previews

White Background



This preview shows how the Decimal color 4013433 looks on a white background.

Color Contrast Check

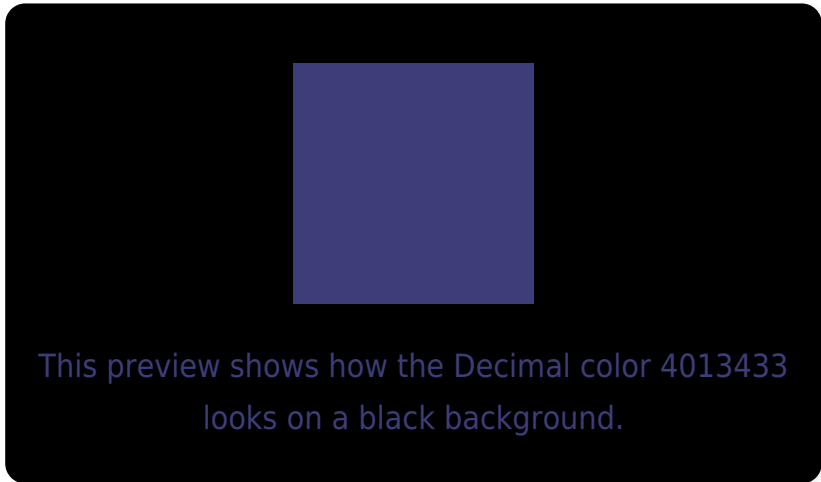
Large Text (above 18pt) WCAG AA ✓ Pass

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

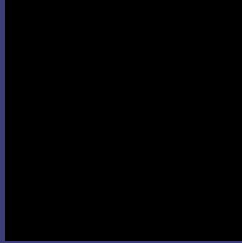
Any Text WCAG AA × Fail

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 4013433 Background



This preview shows how black text looks on a background with the Decimal color 4013433.

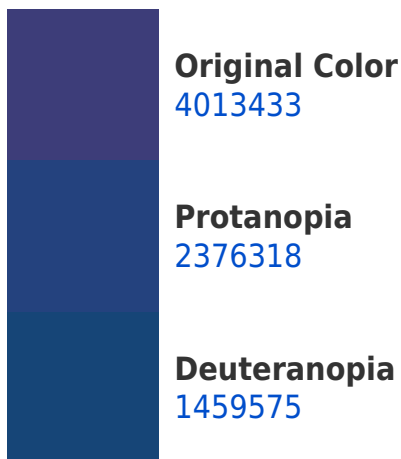


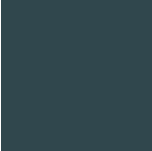
This preview shows how white text looks on a background with the Decimal color 4013433.

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





Tritanopia
3163981

Trichromacy



Original Color
4013433

Protanomaly
2965628

Deuteranomaly
2376312

Tritanomaly
3490653

Monochromacy



Original Color
4013433

Achromatopsia
4473924

Achromatomaly
4276567

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4013433 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 #3D3D79 looks like.

```
.text, #text, p{  
    color:#3D3D79  
}
```

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 #3D3D79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D3D79
}
```

Border

The CSS property to change the border of an element to Decimal 4013433 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
#3D3D79 }
```

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

```
.border{ border-color:#3D3D79 }
```

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

Here you see how a box with a 4 pixel #3D3D79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D3D79; -webkit-box-shadow:4px 4px  
4px 4px #3D3D79; box-shadow:4px 4px 4px  
4px #3D3D79 }
```

Background

The CSS property to change the background color of an element to Decimal 4013433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D3D79 }
```

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

```
.background{ background-color:#3D3D79 }
```

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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