

Converting Colors

Decimal(4800091)

Have a look what the booklet for
Decimal(4800091) contains.

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Color

Decimal(4800091)

Conversions

Conversions Part 1

Format	Color
Hex	493E5B
RGB	73, 62, 91
RGB Percent	29%, 24%, 36%
CMY	0.7137, 0.7569, 0.6431
CMYK	0.20, 0.32, 0.00, 0.64
HSL	263°, 19%, 30%
HSV	263°, 32%, 36%
XYZ	6.3586, 5.6170, 10.6466
YIQ	68.5950, -2.7530, 11.3510

Conversions

Conversions Part 2

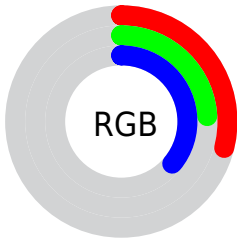
Format	Color
R_{YB}	73, 62, 91
Decimal	4800091
CIE _{Lab}	28.42, 11.49, -15.54
CIE _{LCh}	28, 19.330, 306.467
Yxy	5.6170, 0.2811, 0.2483
Android (android.graphics.Color)	4282990171 (0xFF493E5B)
YUV	68.5950, 11.0457, 3.8632
Hunter-Lab	23.7003, 6.4146, -10.0439

Details

The Decimal color **4800091** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5266238**, and the grayscale version is **4473924**.

A 20% lighter version of the original color is **8023693**, and **1840173** is the 20% darker color. If you saturate the color by 10%, you get **4404571**, and if you desaturate by 10%, it is **5195611**.

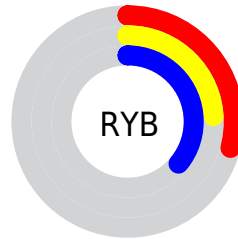
Distribution



Red (29%)

Green (24%)

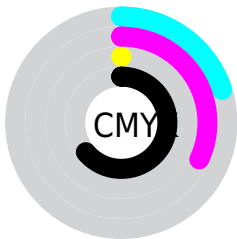
Blue (36%)



Red (29%)

Yellow (24%)

Blue (36%)

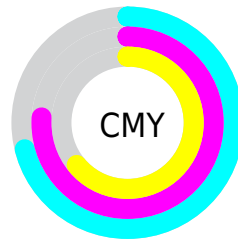


Cyan (20%)

Magenta (32%)

Yellow (0%)

Black (64%)



Cyan (71%)

Magenta (76%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4800091 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 4800091 by changing the saturation by 10% instead.

■ 4800091

■ 4800091

16777215

■ 3287107

■ 8023693

■ 1840173

■ 9734056

■ 25

■ 11510211

■ 0

■ 13286623

■ 15128828

■ 16774399

■ 4800091

■ 4800091

■ 4404571

■ 5195611

■ 4074587

■ 5525595

■ 3679067

■ 5921115

■ 3283547

■ 6316635

■ 2953563

■ 6646875

■ 2557787

■ 7042395

■ 2293851

■ 7437915

■ 7767899

■ 8163419

Harmonies

Analogous

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



3359584



4800091



5781839

Triad

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



4800091



5717544



1264454

Complementary

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



4800091



5266238

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.



2640439



4800091



4866853

Square

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



4800091



6240562



3819307



346708

Rectangle

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



4800091



6174789



3819307



1723201

Sweetspot

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



4800091



7236213



4083803



3552315



12237498



3881787

Same Dimension

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



4800091



5917045



5717595



2828590



2752622



5898477

Inverse Universe

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



5979728



7686500



4348734



3025196



7209028



15532179

Previews

White Background



This preview shows how the Decimal color 4800091 looks on a white background.

Color Contrast Check

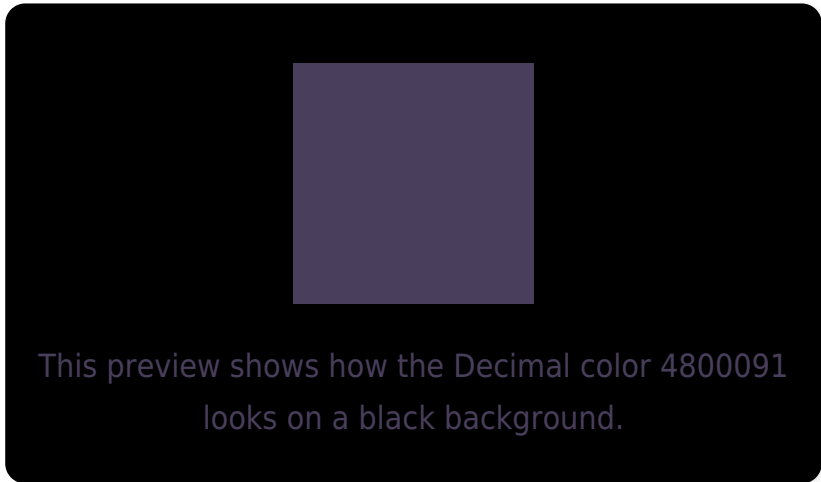
Large Text (above 18pt) WCAG AA ✓ Pass

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

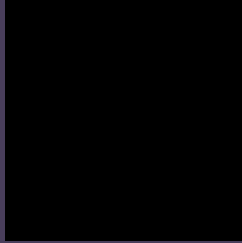
Any Text WCAG AA × Fail

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 4800091 Background



This preview shows how black text looks on a background with the Decimal color 4800091.



This preview shows how white text looks on a background with the Decimal color 4800091.

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
4800091

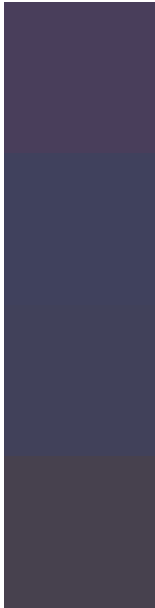
Protanopia
3883614

Deuteranopia
4014682



Tritanopia
4604487

Trichromacy



Original Color

4800091

Protanomaly

4211037

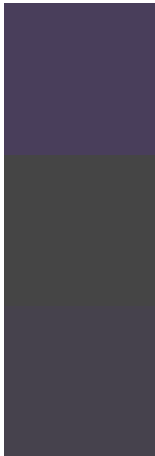
Deuteranomaly

4276570

Tritanomaly

4669774

Monochromacy



Original Color

4800091

Achromatopsia

4539717

Achromatomaly

4604493

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4800091 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 #493E5B looks like.

```
.text, #text, p{  
    color:#493E5B  
}
```

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 #493E5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #493E5B
}
```

Border

The CSS property to change the border of an element to Decimal 4800091 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
#493E5B }
```

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

```
.border{ border-color:#493E5B }
```

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

Here you see how a box with a 4 pixel #493E5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #493E5B; -webkit-box-shadow:4px 4px  
4px 4px #493E5B; box-shadow:4px 4px 4px  
4px #493E5B }
```

Background

The CSS property to change the background color of an element to Decimal 4800091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#493E5B }
```

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

```
.background{ background-color:#493E5B }
```

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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