

Converting Colors

Decimal(4801942)

Have a look what the booklet for
Decimal(4801942) contains.

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Color

Decimal(4801942)

Conversions

Conversions Part 1

Format	Color
Hex	494596
RGB	73, 69, 150
RGB Percent	29%, 27%, 59%
CMY	0.7137, 0.7294, 0.4118
CMYK	0.51, 0.54, 0.00, 0.41
HSL	243°, 37%, 43%
HSV	243°, 54%, 59%
XYZ	10.3808, 7.8747, 29.8270
YIQ	79.4300, -23.6170, 26.0390

Conversions

Conversions Part 2

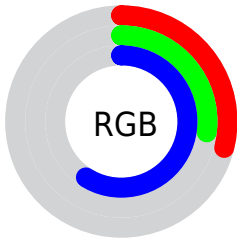
Format	Color
R_{YB}	73, 69, 150
Decimal	4801942
CIE _{Lab}	33.72, 24.69, -44.17
CIE _{LCh}	34, 50.598, 299.205
Yxy	7.8747, 0.2159, 0.1638
Android (android.graphics.Color)	4282992022 (0xFF494596)
YUV	79.4300, 34.7910, -5.6391
Hunter-Lab	28.0619, 16.9231, -43.3759

Details

The Decimal color **4801942** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **9606725**, and the grayscale version is **5197647**.

A 20% lighter version of the original color is **8353229**, and **662114** is the 20% darker color. If you saturate the color by 10%, you get **3880598**, and if you desaturate by 10%, it is **5723286**.

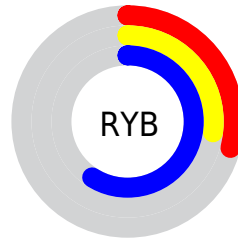
Distribution



Red (29%)

Green (27%)

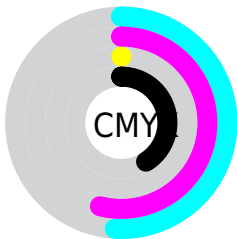
Blue (59%)



Red (29%)

Yellow (27%)

Blue (59%)

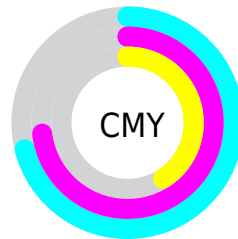


Cyan (51%)

Magenta (54%)

Yellow (0%)

Black (41%)



Cyan (71%)

Magenta (73%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4801942 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 4801942 by changing the saturation by 10% instead.

■ 4801942

■ 4801942

16777215

■ 2961276

■ 8353229

■ 662114

■ 10194921

■ 586

■ 12036607

■ 1075

■ 13878783

■ 541

■ 15786495

■ 0

16776703

■ 4801942

■ 4801942

■ 3880598

■ 5723286

■ 2893718

■ 6710166

■ 1972374

■ 7631510

■ 1051030

■ 8552854

■ 458902

■ 9474198

■ 10461078

■ 11382422

■ 12303766

■ 13225110

Harmonies

Analogous

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



21920



4801942



8204409

Triad

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



4801942



8404226



24909

Complementary

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



4801942



9606725

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.



24099



4801942



6442240

Square

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



4801942



9578795



3823616



24950

Rectangle

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



4801942



9380704



3823616



24639

Sweetspot

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



4801942



10789826



4559766



5197409



14737632



6381921

Same Dimension

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



4801942



4867266



7357846



4408138



458890



65546

Inverse Universe

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



9848210



12731580



7050821



4866890



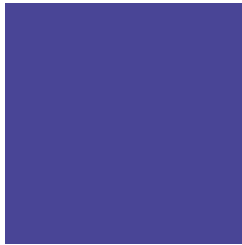
9044099



655370

Previews

White Background



This preview shows how the Decimal color 4801942 looks on a white background.

Color Contrast Check

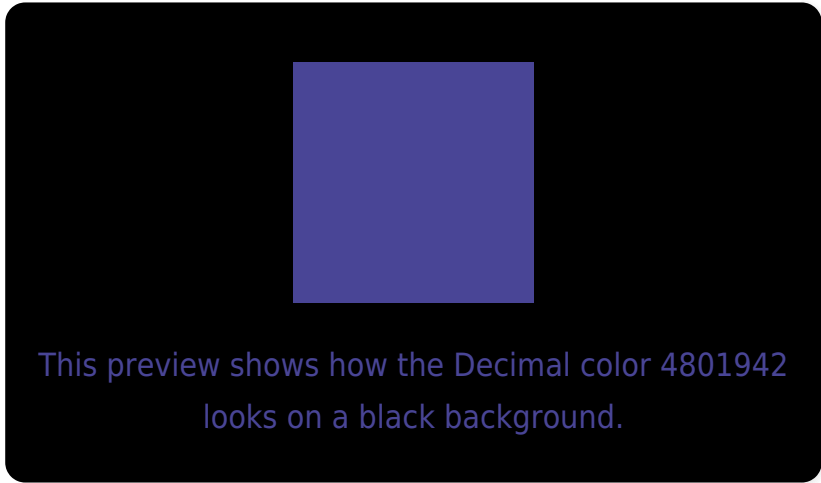
Large Text (above 18pt) WCAG AA ✓ Pass

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

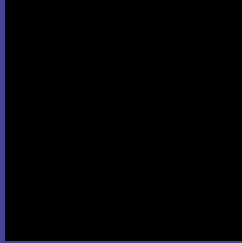
Any Text WCAG AA × Fail

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 4801942 Background



This preview shows how black text looks on a background with the Decimal color 4801942.



This preview shows how white text looks on a background with the Decimal color 4801942.

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
4801942

Protanomaly
2771355

Deuteranomaly
1789329

Tritanomaly
4018032

Monochromacy



Original Color
4801942

Achromatopsia
5197647

Achromatomaly
5065577

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4801942 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 #494596 looks like.

```
.text, #text, p{  
    color:#494596  
}
```

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 #494596 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #494596
}
```

Border

The CSS property to change the border of an element to Decimal 4801942 is called "border". The border property can be set on classes, ids or directly on the HTML element.

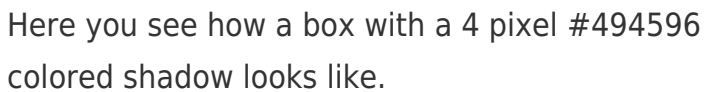
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#494596 }
```

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

```
.border{ border-color:#494596 }
```

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



Here you see how a box with a 4 pixel #494596 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #494596; -webkit-box-shadow:4px 4px  
4px 4px #494596; box-shadow:4px 4px 4px  
4px #494596 }
```

Background

The CSS property to change the background color of an element to Decimal 4801942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#494596 }
```

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

```
.background{ background-color:#494596 }
```

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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