

Converting Colors

Decimal(4801649)

Have a look what the booklet for
Decimal(4801649) contains.

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Color

Decimal(4801649)

Conversions

Conversions Part 1

Format	Color
Hex	494471
RGB	73, 68, 113
RGB Percent	29%, 27%, 44%
CMY	0.7137, 0.7333, 0.5569
CMYK	0.35, 0.40, 0.00, 0.56
HSL	247°, 25%, 35%
HSV	247°, 40%, 44%
XYZ	7.7954, 6.7430, 16.5134
YIQ	74.6250, -11.4650, 15.0550

Conversions

Conversions Part 2

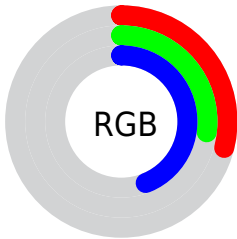
Format	Color
R_{YB}	73, 68, 113
Decimal	4801649
CIE _{Lab}	31.21, 13.73, -25.25
CIE _{LCh}	31, 28.743, 298.530
Yxy	6.7430, 0.2510, 0.2172
Android (android.graphics.Color)	4282991729 (0xFF494471)
YUV	74.6250, 18.9189, -1.4251
Hunter-Lab	25.9672, 8.1434, -19.5275

Details

The Decimal color **4801649** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **7106884**, and the grayscale version is **4868682**.

A 20% lighter version of the original color is **8090789**, and **1710401** is the 20% darker color. If you saturate the color by 10%, you get **4143473**, and if you desaturate by 10%, it is **5459825**.

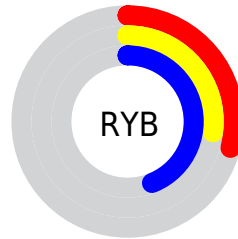
Distribution



Red (29%)

Green (27%)

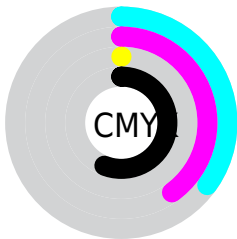
Blue (44%)



Red (29%)

Yellow (27%)

Blue (44%)

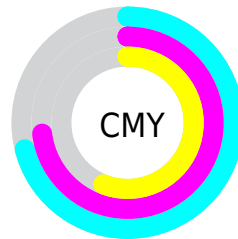


Cyan (35%)

Magenta (40%)

Yellow (0%)

Black (56%)



Cyan (71%)

Magenta (73%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4801649 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 4801649 by changing the saturation by 10% instead.

■ 4801649

■ 4801649

16777215

■ 3223128

■ 8090789

■ 1710401

■ 9801408

■ 393259

■ 11577564

■ 277

■ 13419513

■ 0

■ 15327231

■ 16776447

■ 4801649

■ 4801649

■ 4143473

■ 5459825

■ 3485041

■ 6118257

■ 2826865

■ 6776433

■ 2168689

■ 7434609

■ 1510257

■ 8093041

■ 852081

■ 8751217

■ 9409393

■ 10067569

■ 10726001

Harmonies

Analogous

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



1789046



4801649



6568801

Triad

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



4801649



6897699



21832

Complementary

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



4801649



7106884

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.



2380593



4801649



5720091

Square

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



4801649



7551029



4279840



21598

Rectangle

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



4801649



7288659



4279840



21568

Sweetspot

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



4801649



8684180



4484209



4276298



13224393



4868682

Same Dimension

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



4801649



5590420



6243441



3355192



852088



1769719

Inverse Universe

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



7423084



9719180



5665092



3682871



7864427



16187612

Previews

White Background



This preview shows how the Decimal color 4801649 looks on a white background.

Color Contrast Check

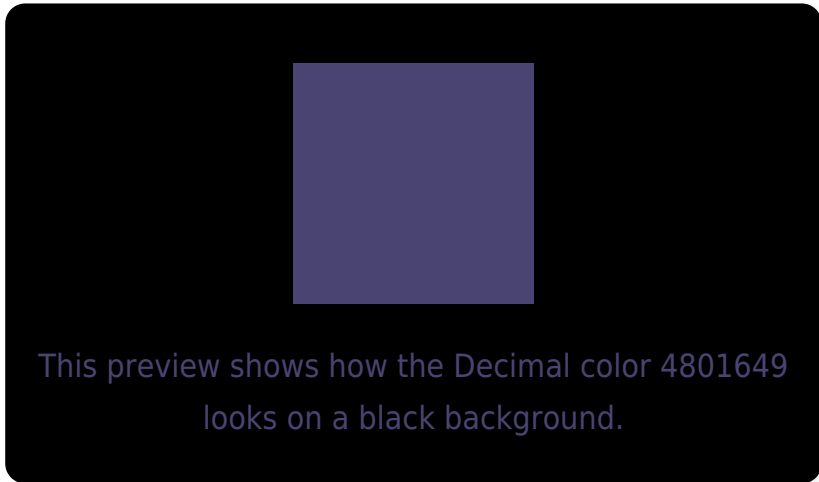
Large Text (above 18pt) WCAG AA ✓ Pass

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

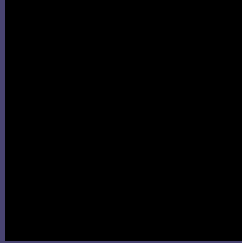
Any Text WCAG AA × Fail

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 4801649 Background



This preview shows how black text looks on a background with the Decimal color 4801649.



This preview shows how white text looks on a background with the Decimal color 4801649.

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](#).

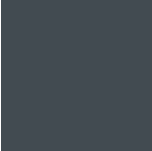
Dichromacy



Original Color
4801649

Protanopia
3754101

Deuteranopia
3623280



Tritanopia
4344657

Trichromacy



Original Color

4801649

Protanomaly

4147060

Deuteranomaly

4081520

Tritanomaly

4540509

Monochromacy



Original Color

4801649

Achromatopsia

4934475

Achromatomaly

4868185

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4801649 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 #494471 looks like.

```
.text, #text, p{  
    color:#494471  
}
```

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 #494471 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #494471
}
```

Border

The CSS property to change the border of an element to Decimal 4801649 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".

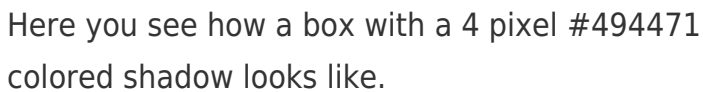
```
.border, #border, table{ border:4px solid
#494471 }
```

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

```
.border{ border-color:#494471 }
```

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

Here you see how a box with a 4 pixel #494471 colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin dark blue border on the top and left sides, and a thicker dark blue shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #494471; -webkit-box-shadow:4px 4px  
4px 4px #494471; box-shadow:4px 4px 4px  
4px #494471 }
```

Background

The CSS property to change the background color of an element to Decimal 4801649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#494471 }
```

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

```
.background{ background-color:#494471 }
```

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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