

Converting Colors

Decimal(4809609)

Have a look what the booklet for
Decimal(4809609) contains.

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Color

Decimal(4809609)

Conversions

Conversions Part 1

Format	Color
Hex	496389
RGB	73, 99, 137
RGB Percent	29%, 39%, 54%
CMY	0.7137, 0.6118, 0.4627
CMYK	0.47, 0.28, 0.00, 0.46
HSL	216°, 30%, 41%
HSV	216°, 47%, 54%
XYZ	11.7249, 12.1463, 25.3934
YIQ	95.5580, -27.6940, 6.3060

Conversions

Conversions Part 2

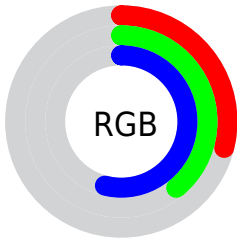
Format	Color
R_{YB}	73, 91, 137
Decimal	4809609
CIE _{Lab}	41.45, 1.28, -24.06
CIE _{LCh}	41, 24.094, 273.049
Yxy	12.1463, 0.2380, 0.2466
Android (android.graphics.Color)	4282999689 (0xFF496389)
YUV	95.5580, 20.4309, -19.7834
Hunter-Lab	34.8515, -0.9387, -18.8036

Details

The Decimal color **4809609** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **9006921**, and the grayscale version is **6250335**.

A 20% lighter version of the original color is **8230591**, and **1324375** is the 20% darker color. If you saturate the color by 10%, you get **3890057**, and if you desaturate by 10%, it is **5729161**.

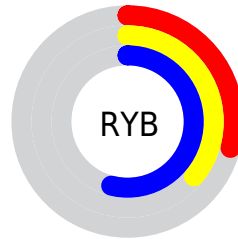
Distribution



Red (29%)

Green (39%)

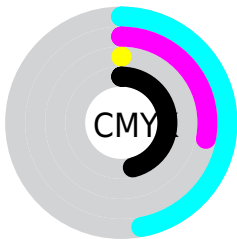
Blue (54%)



Red (29%)

Yellow (36%)

Blue (54%)

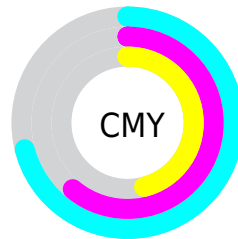


Cyan (47%)

Magenta (28%)

Yellow (0%)

Black (46%)



Cyan (71%)

Magenta (61%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4809609 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 4809609 by changing the saturation by 10% instead.

■ 4809609

■ 4809609

16777215

■ 3165039

■ 8230591

■ 1324375

■ 10006746

■ 8255

■ 11783415

■ 1833

■ 13625599

■ 276

■ 15532031

■ 0

■ 4809609

■ 4809609

■ 3890057

■ 5729161

■ 3036041

■ 6583177

■ 2116489

■ 7502729

■ 1196681

■ 8422537

■ 342665

■ 9276553

■ 14473

■ 10196105

■ 11115657

■ 12035209

■ 12889225

Harmonies

Analogous

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



2648453



4809609



6773891

Triad

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



4809609



8869197



4221775

Complementary

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



4809609



9006921

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.



5793600



4809609



8280639

Square

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



4809609



8868448



7168314



2583651

Rectangle

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



4809609



7755642



7168314



4745801

Sweetspot

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



4809609



10134707



4819310



4870233



14277081



5855577

Same Dimension

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



4809609



5207987



5130633



4079941



13957



517

Inverse Universe

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



8997219



11751287



8685897



4537921



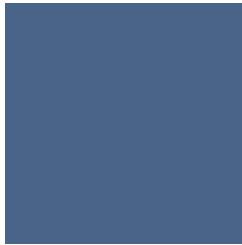
8716342



327682

Previews

White Background



This preview shows how the Decimal color 4809609 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 × Fail

Black Background



This preview shows how the Decimal color 4809609 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 4809609 Background



This preview shows how black text looks on a background with the Decimal color 4809609.

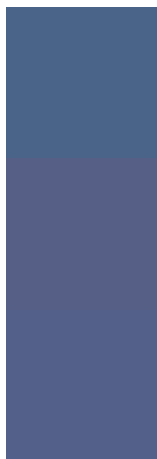


This preview shows how white text looks on a background with the Decimal color 4809609.

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

4809609

Protanopia

5660807

Deuteranopia

5464202



Tritanopia
4352112

Trichromacy



Original Color
4809609

Protanomaly
5333384

Deuteranomaly
5202314

Tritanomaly
4548217

Monochromacy



Original Color
4809609

Achromatopsia
6316128

Achromatomaly
5792111

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4809609 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 #496389 looks like.

```
.text, #text, p{  
    color:#496389  
}
```

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 #496389 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #496389
}
```

Border

The CSS property to change the border of an element to Decimal 4809609 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
#496389 }
```

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

```
.border{ border-color:#496389 }
```

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

Here you see how a box with a 4 pixel #496389 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #496389; -webkit-box-shadow:4px 4px  
4px 4px #496389; box-shadow:4px 4px 4px  
4px #496389 }
```

Background

The CSS property to change the background color of an element to Decimal 4809609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#496389 }
```

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

```
.background{ background-color:#496389 }
```

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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