

Converting Colors

Decimal(4686599)

Have a look what the booklet for
Decimal(4686599) contains.

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Color

Decimal(4686599)

Conversions

Conversions Part 1

Format	Color
Hex	478307
RGB	71, 131, 7
RGB Percent	28%, 51%, 3%
CMY	0.7216, 0.4863, 0.9725
CMYK	0.46, 0.00, 0.95, 0.49
HSL	89°, 90%, 27%
HSV	89°, 95%, 51%
XYZ	10.7532, 17.5875, 3.0290
YIQ	98.9240, 4.0440, -51.2840

Conversions

Conversions Part 2

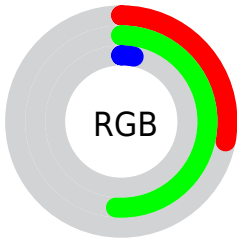
Format	Color
RYB	7, 131, 67
Decimal	4686599
CIELab	48.99, -38.31, 51.45
CIELCh	49, 64.151, 126.670
Yxy	17.5875, 0.3428, 0.5607
Android (android.graphics.Color)	4282876679 (0xFF478307)
YUV	98.9240, -45.3185, -24.4893
Hunter-Lab	41.9375, -27.6215, 25.0739

Details

The Decimal color **4686599** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **4392835**, and the grayscale version is **6513507**.

A 20% lighter version of the original color is **8239428**, and **676096** is the 20% darker color. If you saturate the color by 10%, you get **4489984**, and if you desaturate by 10%, it is **5079828**.

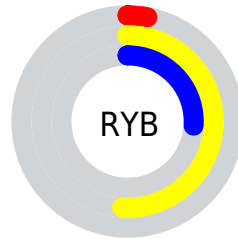
Distribution



 Red (28%)

 Green (51%)

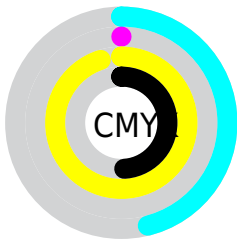
 Blue (3%)




 Red (3%)

 Yellow (51%)


 Blue (26%)

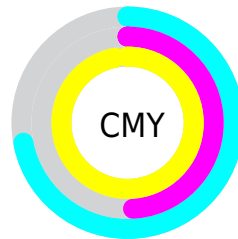


 Cyan (46%)


 Magenta (0%)

 Yellow (95%)

 Black (49%)



 Cyan (72%)

 Magenta (49%)

 Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4686599 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 4686599 by changing the saturation by 10% instead.



4686599



4686599

16777215



2844928



8239428



676096



10081375



14592



11923833



9472



13827988



0



15728560



16777164



16777193



4686599



4686599

■ 4489984

■ 5079828

■ 5538593

■ 5931822

■ 6325051

■ 6783817

■ 7177046

■ 7570275

■ 8029040

■ 8422269

Harmonies

Analogous

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



8549888



4686599



35399

Triad

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



4686599



34264



13842027

Complementary

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



4686599



4392835

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.



12469409



4686599



30689

Square

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



4686599



36020



8609996



13387574

Rectangle

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



4686599



35948



8609996



13645693

Sweetspot

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



4686599



9743227



8602375



4740921



14079702



5723991

Same Dimension

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



4686599



5810944



623367



4145724



4424192



66304

Inverse Universe

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



4392835



5439659



8456067



4144194



4128898



65539

Previews

White Background



This preview shows how the Decimal color 4686599 looks on a white background.

Color Contrast Check

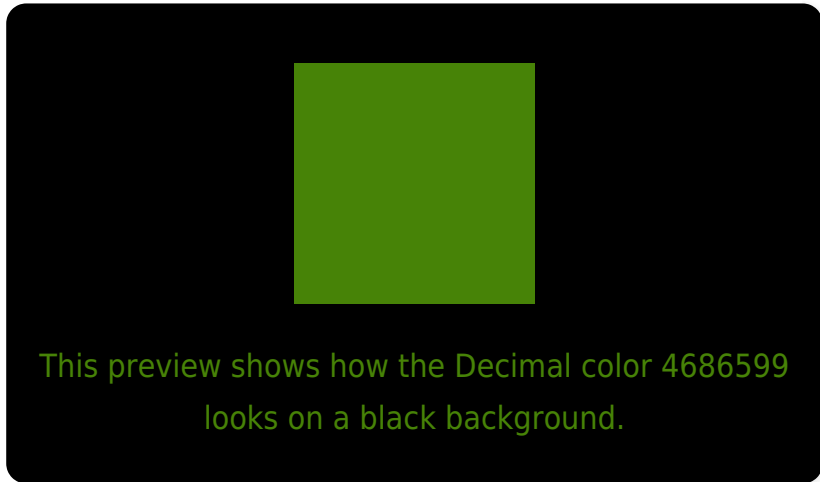
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 4686599 Background



This preview shows how black text looks on a background with the Decimal color 4686599.



This preview shows how white text looks on a background with the Decimal color 4686599.

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
4686599

Protanopia
8614912

Deuteranopia
9596443



Tritanopia
5732996

Trichromacy



Original Color
4686599

Protanomaly
7174403

Deuteranomaly
7829012

Tritanomaly
5340503

Monochromacy



Original Color
4686599

Achromatopsia
6513507

Achromatomaly
5861186

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4686599 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 #478307 looks like.

```
.text, #text, p{  
  color:#478307  
}
```

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 #478307 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #478307
}
```

Border

The CSS property to change the border of an element to Decimal 4686599 is called "border". The border property can be set on classes, ids or directly on the HTML element.

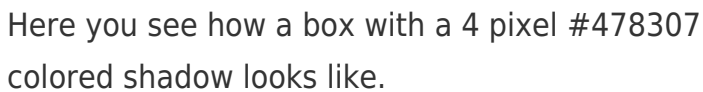
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#478307 }
```

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

```
.border{ border-color:#478307 }
```

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



Here you see how a box with a 4 pixel #478307 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #478307; -webkit-box-shadow:4px 4px  
4px 4px #478307; box-shadow:4px 4px 4px  
4px #478307 }
```

Background

The CSS property to change the background color of an element to Decimal 4686599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#478307 }
```

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

```
.background{ background-color:#478307 }
```

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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