

Converting Colors

Decimal(4612997)

Have a look what the booklet for
Decimal(4612997) contains.

Decimal(4612997)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(4612997)

Conversions

Conversions Part 1

Format	Color
Hex	466385
RGB	70, 99, 133
RGB Percent	27%, 39%, 52%
CMY	0.7255, 0.6118, 0.4784
CMYK	0.47, 0.26, 0.00, 0.48
HSL	212°, 31%, 40%
HSV	212°, 47%, 52%
XYZ	11.2213, 11.9192, 23.8995
YIQ	94.2050, -28.1980, 4.4260

Conversions

Conversions Part 2

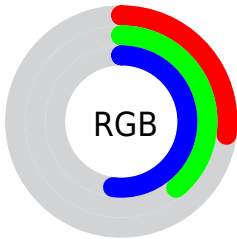
Format	Color
R_{YB}	70, 90, 133
Decimal	4612997
CIE _{Lab}	41.09, -0.78, -22.22
CIE _{LCh}	41, 22.231, 267.985
Yxy	11.9192, 0.2385, 0.2534
Android (android.graphics.Color)	4282803077 (0xFF466385)
YUV	94.2050, 19.1259, -21.2278
Hunter-Lab	34.5242, -2.4003, -16.8767

Details

The Decimal color **4612997** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8742982**, and the grayscale version is **6184542**.

A 20% lighter version of the original color is **8033978**, and **1127763** is the 20% darker color. If you saturate the color by 10%, you get **3759237**, and if you desaturate by 10%, it is **5466757**.

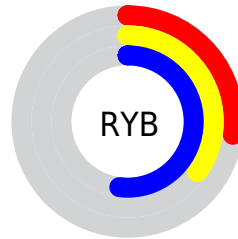
Distribution



Red (27%)

Green (39%)

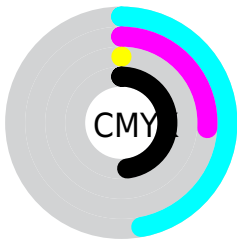
Blue (52%)



Red (27%)

Yellow (35%)

Blue (52%)

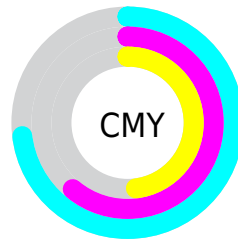


Cyan (47%)

Magenta (26%)

Yellow (0%)

Black (48%)



Cyan (73%)

Magenta (61%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4612997 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 4612997 by changing the saturation by 10% instead.

■ 4612997

■ 4612997

16777215

■ 2968428

■ 8033978

■ 1127763

■ 9744598

■ 8252

■ 11586802

■ 1830

■ 13428991

■ 272

■ 15269887

■ 0

■ 4612997

■ 4612997

■ 3759237

■ 5466757

■ 2839941

■ 6386053

■ 1985925

■ 7240069

■ 1132165

■ 8093829

■ 278405

■ 9013125

■ 15749

■ 9866885

■ 10720645

■ 11574405

■ 12493957

Harmonies

Analogous

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



2844799



4612997



6446465

Triad

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



4612997



8737873



4614477

Complementary

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



4612997



8742982

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.



6055232



4612997



8214851

Square

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



4612997



8606563



7233340



3173215

Rectangle

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



4612997



7428217



7233340



5138504

Sweetspot

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



4612997



9805997



4621672



4738903



14079702



5723991

Same Dimension

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



4612997



4946093



4736645



3948354



15490



259

Inverse Universe

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



8734307



11357048



8619334



4340799



8519740



196609

Previews

White Background



This preview shows how the Decimal color 4612997 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 4612997 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

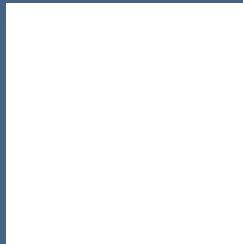
Any Text WCAG AAA × Fail

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

Decimal 4612997 Background



This preview shows how black text looks on a background with the Decimal color 4612997.

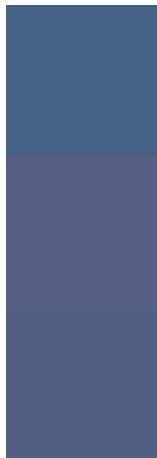


This preview shows how white text looks on a background with the Decimal color 4612997.

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
4612997

Protanopia
5726082

Deuteranopia
5529478



Tritanopia
4155247

Trichromacy



Original Color
4612997

Protanomaly
5333123

Deuteranomaly
5202054

Tritanomaly
4351607

Monochromacy



Original Color
4612997

Achromatopsia
6184542

Achromatomaly
5595244

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4612997 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 #466385 looks like.

```
.text, #text, p{  
  color:#466385  
}
```

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 #466385 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #466385
}
```

Border

The CSS property to change the border of an element to Decimal 4612997 is called "border". The border property can be set on classes, ids or directly on the HTML element.

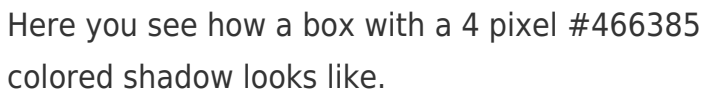
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#466385 }
```

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

```
.border{ border-color:#466385 }
```

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



Here you see how a box with a 4 pixel #466385 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #466385; -webkit-box-shadow:4px 4px  
4px 4px #466385; box-shadow:4px 4px 4px  
4px #466385 }
```

Background

The CSS property to change the background color of an element to Decimal 4612997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#466385 }
```

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

```
.background{ background-color:#466385 }
```

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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