

Converting Colors

Decimal(4661313)

Have a look what the booklet for
Decimal(4661313) contains.

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Color

Decimal(4661313)

Conversions

Conversions Part 1

Format	Color
Hex	472041
RGB	71, 32, 65
RGB Percent	28%, 13%, 25%
CMY	0.7216, 0.8745, 0.7451
CMYK	0.00, 0.55, 0.08, 0.72
HSL	309°, 38%, 20%
HSV	309°, 55%, 28%
XYZ	4.0692, 2.7543, 5.3182
YIQ	47.4230, 12.6510, 18.5310

Conversions

Conversions Part 2

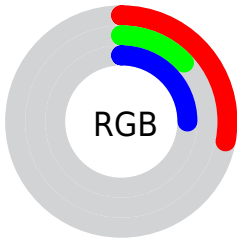
Format	Color
R_{YB}	71, 32, 65
Decimal	4661313
CIE _{Lab}	19.03, 23.92, -12.71
CIE _{LCh}	19, 27.083, 332.015
Yxy	2.7543, 0.3351, 0.2268
Android (android.graphics.Color)	4282851393 (0xFF472041)
YUV	47.4230, 8.6655, 20.6770
Hunter-Lab	16.5960, 14.7235, -7.3823




Details

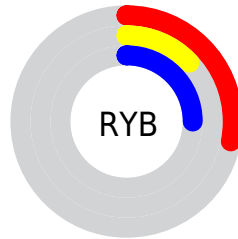
The Decimal color **4661313** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **2115366**, and the grayscale version is **3092271**.




A 20% lighter version of the original color is **7949937**, and **1835031** is the 20% darker color. If you saturate the color by 10%, you get **4659520**, and if you desaturate by 10%, it is **4663106**.

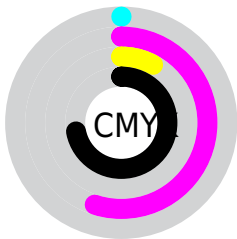
Distribution







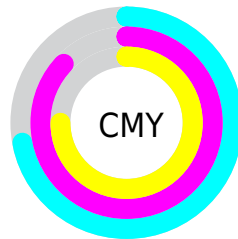
-  Red (28%)
-  Green (13%)
-  Blue (25%)






-  Red (28%)
-  Yellow (13%)
-  Blue (25%)



-  Cyan (0%)
-  Magenta (55%)
-  Yellow (8%)
-  Black (72%)



-  Cyan (72%)
-  Magenta (87%)
-  Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4661313 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 4661313 by changing the saturation by 10% instead.



4661313



4661313

16777215



3148331



7949937



1835031



9660042



0



11436197



13212352



15119836



16765432



16772607



4661313



4661313

■ 4659520

■ 4663106

■ 4657727

■ 4664899

■ 4655934

■ 4666692

■ 4654141

■ 4668485

■ 4653116

■ 4670534

■ 4672328

■ 4674121

■ 4675914

■ 4677707

Harmonies

Analogous

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



3156048



4661313



5315374

Triad

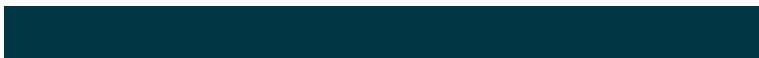
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4661313



3681792



14147

Complementary

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



4661313



2115366

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.



14383



4661313



2306825

Square

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



4661313



4662793



210459



13649

Rectangle

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



4661313



5381409



210459



14396

Sweetspot

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



4661313



6049114



2498631



3024173



11382189



3026478

Same Dimension

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



4661313



6037330



4661294



2367523



6488148



14876864

Inverse Universe

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



4661313



6037330



2115385



2367523



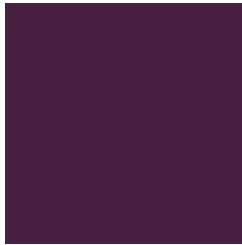
6488148



14876864

Previews

White Background



This preview shows how the Decimal color 4661313 looks on a white background.

Color Contrast Check

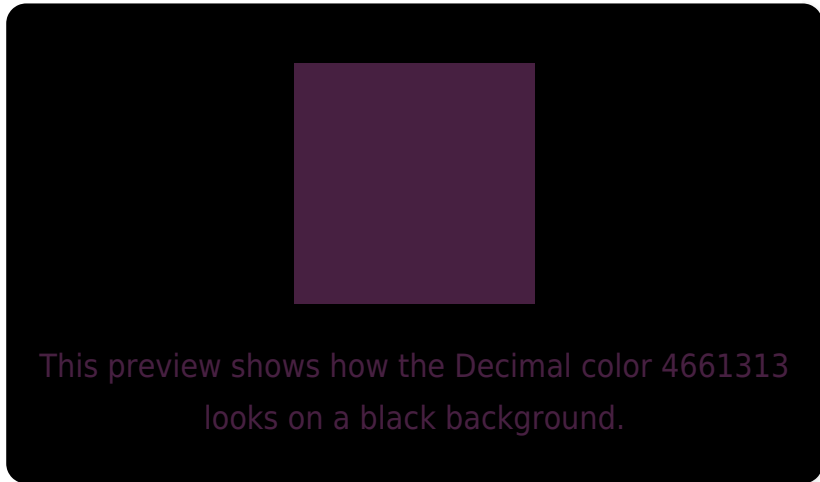
Large Text (above 18pt) WCAG AA ✓ Pass

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

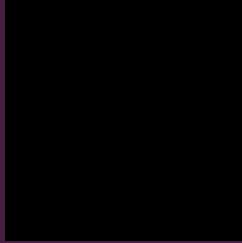
Any Text WCAG AA × Fail

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 4661313 Background



This preview shows how black text looks on a background with the Decimal color 4661313.



This preview shows how white text looks on a background with the Decimal color 4661313.

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
4661313

Protanopia
2305613

Deuteranopia
2829887



Tritanopia
4466217

Trichromacy



Original Color
4661313

Protanomaly
3156297

Deuteranomaly
3483968

Tritanomaly
4531250

Monochromacy



Original Color
4661313

Achromatopsia
3092271

Achromatomaly
3680822

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4661313 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 #472041 looks like.

```
.text, #text, p{  
    color:#472041  
}
```

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 #472041 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #472041
}
```

Border

The CSS property to change the border of an element to Decimal 4661313 is called "border". The border property can be set on classes, ids or directly on the HTML element.

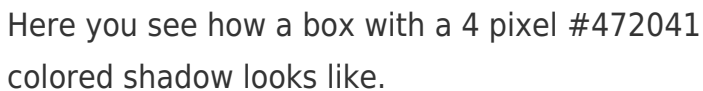
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#472041 }
```

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

```
.border{ border-color:#472041 }
```

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



Here you see how a box with a 4 pixel #472041 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #472041; -webkit-box-shadow:4px 4px  
4px 4px #472041; box-shadow:4px 4px 4px  
4px #472041 }
```

Background

The CSS property to change the background color of an element to Decimal 4661313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#472041 }
```

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

```
.background{ background-color:#472041 }
```

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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