

Converting Colors

Decimal(4656975)

Have a look what the booklet for
Decimal(4656975) contains.

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Color

Decimal(4656975)

Conversions

Conversions Part 1

Format	Color
Hex	470F4F
RGB	71, 15, 79
RGB Percent	28%, 6%, 31%
CMY	0.7216, 0.9412, 0.6902
CMYK	0.10, 0.81, 0.00, 0.69
HSL	292°, 68%, 18%
HSV	292°, 81%, 31%
XYZ	4.1806, 2.2458, 7.6103
YIQ	39.0400, 12.8320, 31.7760

Conversions

Conversions Part 2

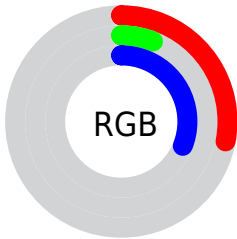
Format	Color
RYB	71, 15, 79
Decimal	4656975
CIELab	16.73, 35.43, -25.96
CIElCh	17, 43.922, 323.773
Yxy	2.2458, 0.2978, 0.1600
Android (android.graphics.Color)	4282847055 (0xFF470F4F)
YUV	39.0400, 19.7003, 28.0289
Hunter-Lab	14.9858, 23.5714, -19.6192




Details

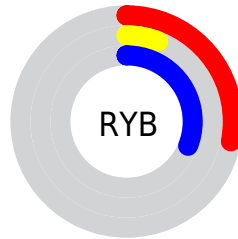
The Decimal color **4656975** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **1527567**, and the grayscale version is **2565927**.




A 20% lighter version of the original color is **8011905**, and **1572898** is the 20% darker color. If you saturate the color by 10%, you get **4589391**, and if you desaturate by 10%, it is **4724559**.

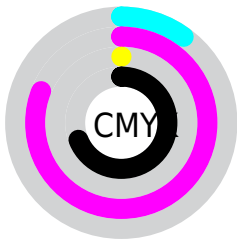
Distribution







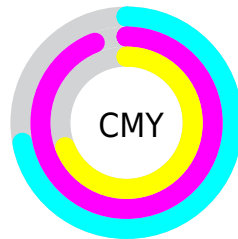
-  Red (28%)
-  Green (6%)
-  Blue (31%)






-  Red (28%)
-  Yellow (6%)
-  Blue (31%)



-  Cyan (10%)
-  Magenta (81%)
-  Yellow (0%)
-  Black (69%)



-  Cyan (72%)
-  Magenta (94%)
-  Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4656975 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 4656975 by changing the saturation by 10% instead.

 4656975

 4656975

 16776447

 3080248

 8011905

 1572898

 9722267

 7

 11563702

 0

 13405393

 15247342

 16761855

 16769023

 4656975

 4656975

■ 4589391

■ 4724559

■ 4522063

■ 4792143

■ 4859727

■ 4927311

■ 4994639

■ 5062223

■ 5129807

■ 5197391

■ 5264975

Harmonies

Analogous

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



664676



4656975



5963825

Triad

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



4656975



3810816



13890

Complementary

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



4656975



1527567

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.



13602



4656975



1847040

Square

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



4656975



5248512



13056



13660

Rectangle

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



4656975



6160413



13056



13879

Sweetspot

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



4656975



6508134



989263



3220531



11776947



3355443

Same Dimension

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



4656975



5899110



5181240



2499110



5832806



13172966

Inverse Universe

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



5181207



6685455



1003302



2499107



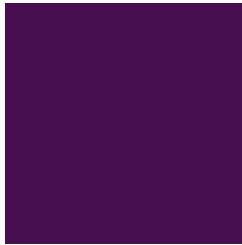
6684685



15073309

Previews

White Background



This preview shows how the Decimal color 4656975 looks on a white background.

Color Contrast Check

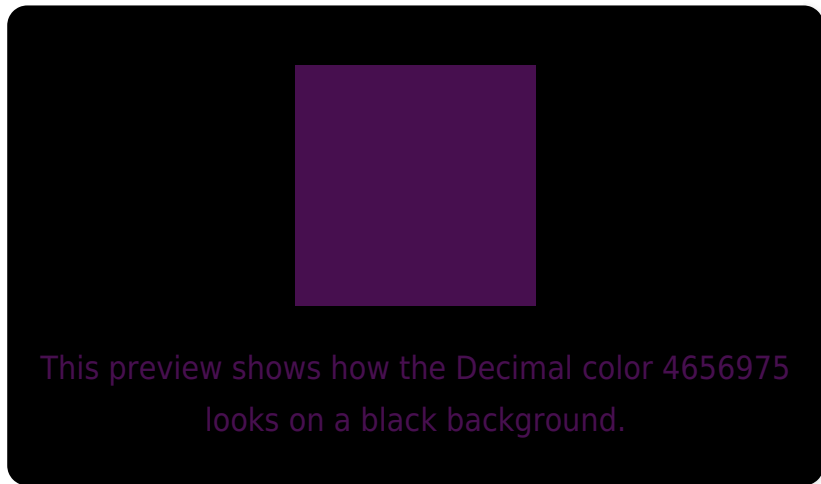
Large Text (above 18pt) WCAG AA ✓ Pass

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

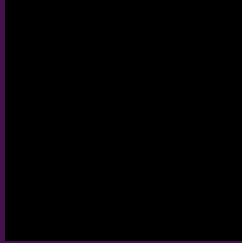
Any Text WCAG AA × Fail

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 4656975 Background



This preview shows how black text looks on a background with the Decimal color 4656975.



This preview shows how white text looks on a background with the Decimal color 4656975.

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
4656975

Protanopia
10840

Deuteranopia
1256523



Tritanopia
4333860

Trichromacy



Original Color

4656975

Protanomaly

1712213

Deuteranomaly

2498892

Tritanomaly

4463156

Monochromacy



Original Color

4656975

Achromatopsia

2565927

Achromatomaly

3350070

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4656975 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 #470F4F looks like.

```
.text, #text, p{  
    color:#470F4F  
}
```

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 #470F4F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #470F4F
}
```

Border

The CSS property to change the border of an element to Decimal 4656975 is called "border". The border property can be set on classes, ids or directly on the HTML element.

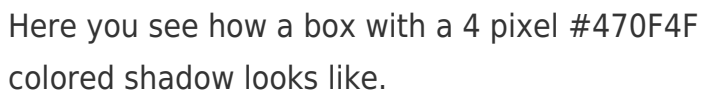
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#470F4F }
```

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

```
.border{ border-color:#470F4F }
```

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



Here you see how a box with a 4 pixel #470F4F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #470F4F; -webkit-box-shadow:4px 4px  
4px 4px #470F4F; box-shadow:4px 4px 4px  
4px #470F4F }
```

Background

The CSS property to change the background color of an element to Decimal 4656975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#470F4F }
```

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

```
.background{ background-color:#470F4F }
```

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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