

Converting Colors

Decimal(4656427)

Have a look what the booklet for
Decimal(4656427) contains.

Decimal(4656427)	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(4656427)

Conversions

Conversions Part 1

Format	Color
Hex	470D2B
RGB	71, 13, 43
RGB Percent	28%, 5%, 17%
CMY	0.7216, 0.9490, 0.8314
CMYK	0.00, 0.82, 0.39, 0.72
HSL	329°, 69%, 16%
HSV	329°, 82%, 28%
XYZ	3.1785, 1.8019, 2.4658
YIQ	33.7620, 24.9380, 21.6260

Conversions

Conversions Part 2

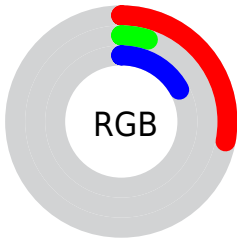
Format	Color
RYB	71, 13, 43
Decimal	4656427
CIELab	14.41, 30.01, -4.15
CIELCh	14, 30.292, 352.124
Yxy	1.8019, 0.4269, 0.2420
Android (android.graphics.Color)	4282846507 (0xFF470D2B)
YUV	33.7620, 4.5543, 32.6577
Hunter-Lab	13.4233, 18.7761, -1.4948




Details

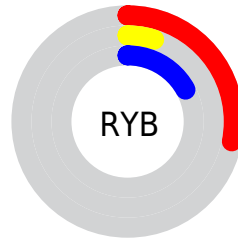
The Decimal color **4656427** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **870185**, and the grayscale version is **2236962**.




A 20% lighter version of the original color is **8011096**, and **983040** is the 20% darker color. If you saturate the color by 10%, you get **4654632**, and if you desaturate by 10%, it is **4658222**.

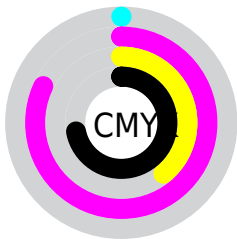
Distribution







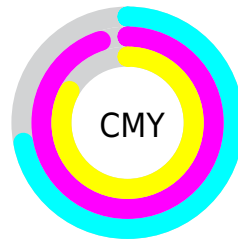
-  Red (28%)
-  Green (5%)
-  Blue (17%)






-  Red (28%)
-  Yellow (5%)
-  Blue (17%)



-  Cyan (0%)
-  Magenta (82%)
-  Yellow (39%)
-  Black (72%)



-  Cyan (72%)
-  Magenta (95%)
-  Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4656427 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 4656427 by changing the saturation by 10% instead.

 4656427

 4656427

 16775167

 3080215

 8011096

 983040

 9786737

 0

 11562634

 13404324

 15311808

 16760539

 16767992

 4656427

 4656427

■ 4654632

■ 4658222

■ 4653093

■ 4660018

■ 4661813

■ 4663609

■ 4665660

■ 4667456

■ 4669251

■ 4671046

■ 4672842

Harmonies

Analogous

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



3675967



4656427



4787734

Triad

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



4656427



2107392



11590

Complementary

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



4656427



870185

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.



11828



4656427



76805

Square

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



4656427



3350784



11806



10575

Rectangle

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



4656427



4527364



11806



11585

Sweetspot

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



4656427



6047057



2624839



3022887



11382189



3026478

Same Dimension

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



4656427



6029872



4656399



2367522



6488115



14876789

Inverse Universe

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



4656427



6029872



870213



2367522



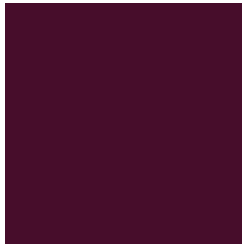
6488115



14876789

Previews

White Background



This preview shows how the Decimal color 4656427 looks on a white background.

Color Contrast Check

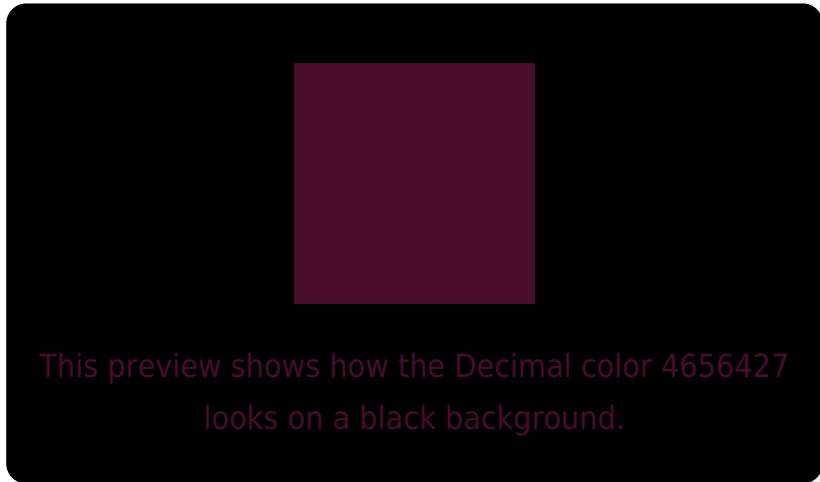
Large Text (above 18pt) WCAG AA ✓ Pass

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

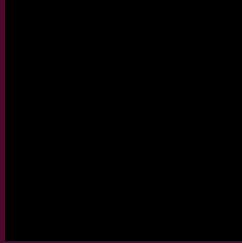
Any Text WCAG AA × Fail

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 4656427 Background



This preview shows how black text looks on a background with the Decimal color 4656427.



This preview shows how white text looks on a background with the Decimal color 4656427.

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


4656427

Protanopia

2041403

Deuteranopia

2762024



Tritanopia
4592661

Trichromacy



Original Color
4656427

Protanomaly
3022133

Deuteranomaly
3480617

Tritanomaly
4591901

Monochromacy



Original Color
4656427

Achromatopsia
2236962

Achromatomaly
3086885

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4656427 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 #470D2B looks like.

```
.text, #text, p{  
    color:#470D2B  
}
```

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 #470D2B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #470D2B
}
```

Border

The CSS property to change the border of an element to Decimal 4656427 is called "border". The border property can be set on classes, ids or directly on the HTML element.

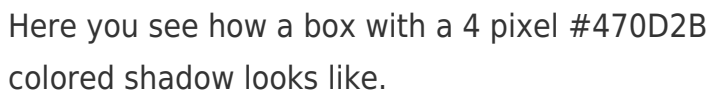
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#470D2B }
```

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

```
.border{ border-color:#470D2B }
```

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



Here you see how a box with a 4 pixel #470D2B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #470D2B; -webkit-box-shadow:4px 4px  
4px 4px #470D2B; box-shadow:4px 4px 4px  
4px #470D2B }
```

Background

The CSS property to change the background color of an element to Decimal 4656427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#470D2B }
```

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

```
.background{ background-color:#470D2B }
```

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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