

Converting Colors

Decimal(4595270)

Have a look what the booklet for
Decimal(4595270) contains.

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Color

Decimal(4595270)

Conversions

Conversions Part 1

Format	Color
Hex	461E46
RGB	70, 30, 70
RGB Percent	27%, 12%, 27%
CMY	0.7255, 0.8824, 0.7255
CMYK	0.00, 0.57, 0.00, 0.73
HSL	300°, 40%, 20%
HSV	300°, 57%, 27%
XYZ	4.0956, 2.6728, 6.0944
YIQ	46.5200, 11.0000, 20.9200

Conversions

Conversions Part 2

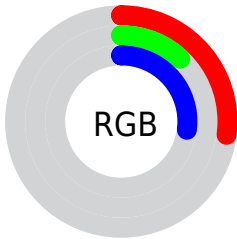
Format	Color
R_{YB}	70, 30, 70
Decimal	4595270
CIE Lab	18.68, 25.80, -16.71
CIE LCh	19, 30.734, 327.072
Yxy	2.6728, 0.3184, 0.2078
Android (android.graphics.Color)	4282785350 (0xFF461E46)
YUV	46.5200, 11.5756, 20.5920
Hunter-Lab	16.3488, 16.1058, -10.6576

Details

The Decimal color **4595270** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **1984030**, and the grayscale version is **3026478**.

A 20% lighter version of the original color is **7883895**, and **1769499** is the 20% darker color. If you saturate the color by 10%, you get **4593478**, and if you desaturate by 10%, it is **4597062**.

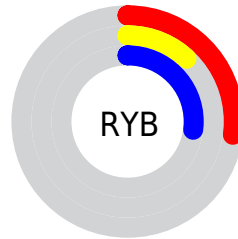
Distribution



Red (27%)

Green (12%)

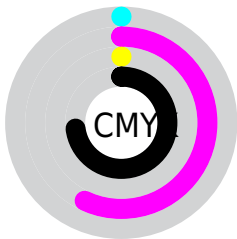
Blue (27%)



Red (27%)

Yellow (12%)

Blue (27%)

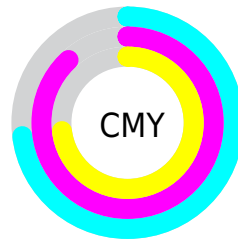


Cyan (0%)

Magenta (57%)

Yellow (0%)

Black (73%)



Cyan (73%)

Magenta (88%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4595270 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 4595270 by changing the saturation by 10% instead.

■ 4595270

■ 4595270

16777215

■ 3082031

■ 7883895

■ 1769499

■ 9594256

■ 0

■ 11370155

■ 13146310

■ 15053794

■ 16764927

■ 16772095

■ 4595270

■ 4595270

■ 4593478

■ 4597062

■ 4591686

■ 4598854

■ 4589894

■ 4600646

■ 4588102

■ 4602438

■ 4587590

■ 4604230

■ 4606022

■ 4607814

■ 4609606

■ 4611398

Harmonies

Analogous

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



2631765



4595270



5445425

Triad

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



4595270



3877888



14401

Complementary

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



4595270



1984030

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.



14379



4595270



2437632

Square

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



4595270



4924164



13844



13907

Rectangle

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



4595270



5576482



13844



14394

Sweetspot

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



4595270



6048860



1973830



3024174



11382189



3026478

Same Dimension

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



4595270



6036572



4595250



2367524



6488163



14876899

Inverse Universe

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



4595270



6036572



1984050



2367524



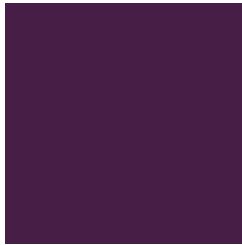
6488163



14876899

Previews

White Background



This preview shows how the Decimal color 4595270 looks on a white background.

Color Contrast Check

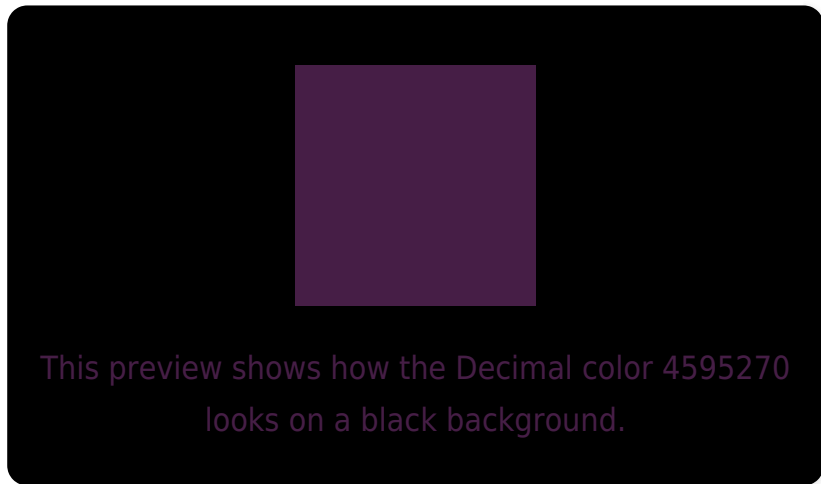
Large Text (above 18pt) WCAG AA ✓ Pass

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

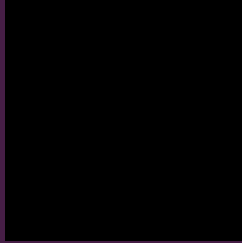
Any Text WCAG AA × Fail

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 4595270 Background



This preview shows how black text looks on a background with the Decimal color 4595270.



This preview shows how white text looks on a background with the Decimal color 4595270.

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](#).

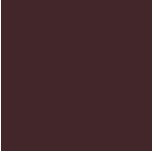
Dichromacy



Original Color
4595270

Protanopia
1846612

Deuteranopia
2502211



Tritanopia
4335145

Trichromacy



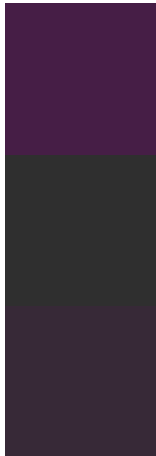
Original Color
4595270

Protanomaly
2828367

Deuteranomaly
3287108

Tritanomaly
4399924

Monochromacy



Original Color
4595270

Achromatopsia
3092271

Achromatomaly
3615031

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4595270 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 #461E46 looks like.

```
.text, #text, p{  
    color:#461E46  
}
```

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 #461E46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #461E46
}
```

Border

The CSS property to change the border of an element to Decimal 4595270 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
#461E46 }
```

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

```
.border{ border-color:#461E46 }
```

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

Here you see how a box with a 4 pixel #461E46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #461E46; -webkit-box-shadow:4px 4px  
4px 4px #461E46; box-shadow:4px 4px 4px  
4px #461E46 }
```

Background

The CSS property to change the background color of an element to Decimal 4595270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#461E46 }
```

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

```
.background{ background-color:#461E46 }
```

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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