

Converting Colors

Decimal(5046275)

Have a look what the booklet for
Decimal(5046275) contains.

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Color

Decimal(5046275)

Conversions

Conversions Part 1

Format	Color
Hex	4D0003
RGB	77, 0, 3
RGB Percent	30%, 0%, 1%
CMY	0.6980, 1.0000, 0.9882
CMYK	0.00, 1.00, 0.96, 0.70
HSL	358°, 100%, 15%
HSV	358°, 100%, 30%
XYZ	3.0770, 1.5844, 0.2298
YIQ	23.3650, 44.9290, 17.2570

Conversions

Conversions Part 2

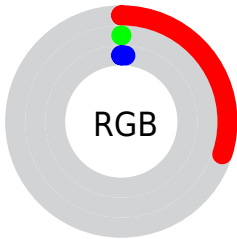
Format	Color
R_{YB}	77, 0, 3
Decimal	5046275
CIE Lab	13.13, 33.78, 19.36
CIE LCh	13, 38.930, 29.820
Yxy	1.5844, 0.6291, 0.3239
Android (android.graphics.Color)	4283236355 (0xFF4D0003)
YUV	23.3650, -10.0399, 47.0379
Hunter-Lab	12.5871, 21.6081, 7.7286

Details

The Decimal color **5046275** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **19786**, and the grayscale version is **1513239**.

A 20% lighter version of the original color is **8664369**, and **720896** is the 20% darker color. If you saturate the color by 10%, you get **5046275**, and if you desaturate by 10%, it is **5048330**.

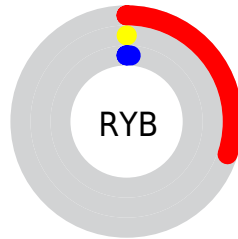
Distribution



Red (30%)

Green (0%)

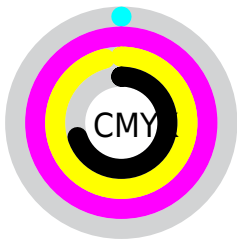
Blue (1%)



Red (30%)

Yellow (0%)

Blue (1%)

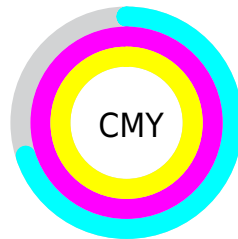


Cyan (0%)

Magenta (100%)

Yellow (96%)

Black (70%)



Cyan (70%)

Magenta (100%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5046275 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 5046275 by changing the saturation by 10% instead.

 5046275

 5046275

 16773092

 3342336

 8664369

 720896

 10505544

 0

 12412511

 14319736

 16292754

 16758444

 16765640

 5046275

■ 5048330

■ 5050130

■ 5052185

■ 5054241

■ 5056296

■ 5058095

■ 5060151

■ 5062206

■ 5064006

Harmonies

Analogous

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



5111843



5046275



4199424

Triad

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



5046275



11008



9817

Complementary

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



5046275



19786

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.



11089



5046275



11553

Square

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



5046275



1058816



11580



1710674

Rectangle

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



5046275



3349760



11580



10328

Sweetspot

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



5046275



6506055



4784205



3350817



11776947



3355443

Same Dimension

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



5046275



6488068



5055232



2499107



6684676



15073289

Inverse Universe

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



5046275



6488068



10829



2499107



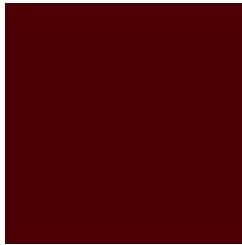
6684676



15073289

Previews

White Background



This preview shows how the Decimal color 5046275 looks on a white background.

Color Contrast Check

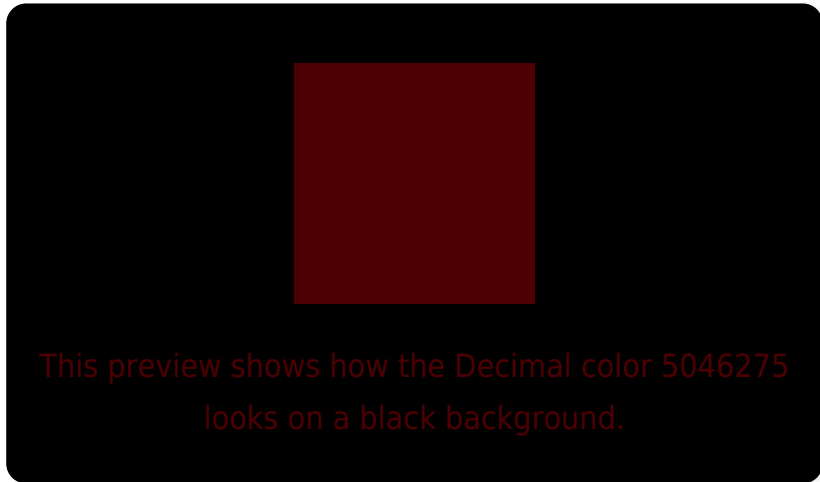
Large Text (above 18pt) WCAG AA ✓ Pass

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

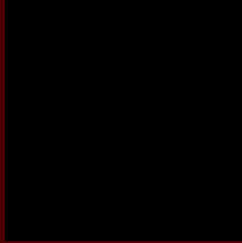
Any Text WCAG AA × Fail

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 5046275 Background



This preview shows how black text looks on a background with the Decimal color 5046275.

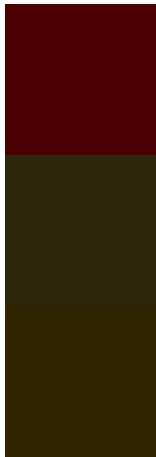


This preview shows how white text looks on a background with the Decimal color 5046275.

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
5046275

Protanopia
2893579

Deuteranopia
3220736



Tritanopia
4982528

Trichromacy



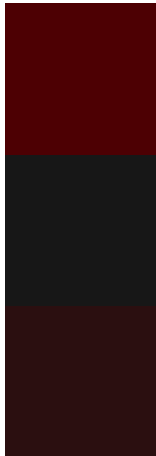
Original Color
5046275

Protanomaly
3676424

Deuteranomaly
3872769

Tritanomaly
4981761

Monochromacy



Original Color
5046275

Achromatopsia
1513239

Achromatomaly
2821904

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5046275 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 #4D0003 looks like.

```
.text, #text, p{  
    color:#4D0003  
}
```

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 #4D0003 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D0003
}
```

Border

The CSS property to change the border of an element to Decimal 5046275 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".

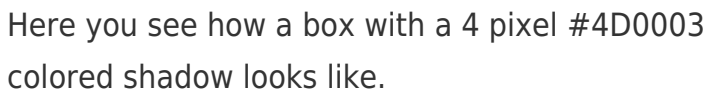
```
.border, #border, table{ border:4px solid
#4D0003 }
```

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

```
.border{ border-color:#4D0003 }
```

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

Here you see how a box with a 4 pixel #4D0003 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is visible on the right and bottom edges of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #4D0003 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D0003; -webkit-box-shadow:4px 4px  
4px 4px #4D0003; box-shadow:4px 4px 4px  
4px #4D0003 }
```

Background

The CSS property to change the background color of an element to Decimal 5046275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D0003 }
```

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

```
.background{ background-color:#4D0003 }
```

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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