

Converting Colors

Decimal(4531013)

Have a look what the booklet for
Decimal(4531013) contains.

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Color

Decimal(4531013)

Conversions

Conversions Part 1

Format	Color
Hex	452345
RGB	69, 35, 69
RGB Percent	27%, 14%, 27%
CMY	0.7294, 0.8627, 0.7294
CMYK	0.00, 0.49, 0.00, 0.73
HSL	300°, 33%, 20%
HSV	300°, 49%, 27%
XYZ	4.1295, 2.8969, 5.9717
YIQ	49.0420, 9.3500, 17.7820

Conversions

Conversions Part 2

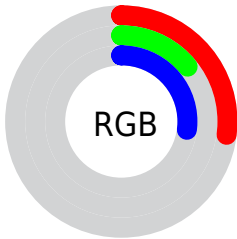
Format	Color
R_{YB}	69, 35, 69
Decimal	4531013
CIE _{Lab}	19.63, 22.21, -14.56
CIE _{LCh}	20, 26.561, 326.750
Yxy	2.8969, 0.3177, 0.2229
Android (android.graphics.Color)	4282721093 (0xFF452345)
YUV	49.0420, 9.8393, 17.5032
Hunter-Lab	17.0204, 13.5215, -8.8881

Details

The Decimal color **4531013** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **2311459**, and the grayscale version is **3223857**.

A 20% lighter version of the original color is **7754101**, and **1835034** is the 20% darker color. If you saturate the color by 10%, you get **4529221**, and if you desaturate by 10%, it is **4532805**.

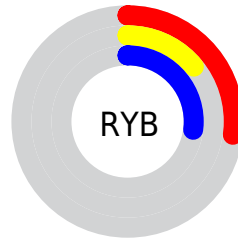
Distribution



Red (27%)

Green (14%)

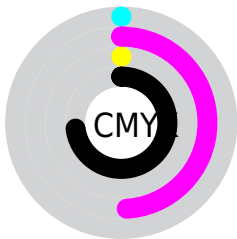
Blue (27%)



Red (27%)

Yellow (14%)

Blue (27%)

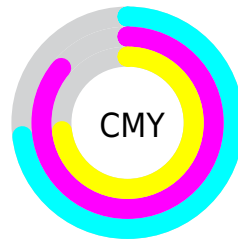


Cyan (0%)

Magenta (49%)

Yellow (0%)

Black (73%)



Cyan (73%)

Magenta (86%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4531013 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 4531013 by changing the saturation by 10% instead.

■ 4531013

■ 4531013

16777215

■ 3018031

■ 7754101

■ 1835034

■ 9464207

■ 0

■ 11240362

■ 13082053

■ 14924001

■ 16766205

■ 16773375

■ 4531013

■ 4531013

■ 4529221

■ 4532805

■ 4527429

■ 4534597

■ 4525637

■ 4536389

■ 4523845

■ 4538181

■ 4522309

■ 4539973

■ 4522053

■ 4541509

■ 4543301

■ 4545093

■ 4546885

Harmonies

Analogous

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



2894674



4531013



5316146

Triad

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



4531013



3943940



14656

Complementary

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



4531013



2311459

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.



14637



4531013



2700041

Square

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



4531013



4859407



931609



14160

Rectangle

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



4531013



5447205



931609



14650

Sweetspot

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



4531013



5852249



2302789



3024430



11382189



3026478

Same Dimension

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



4531013



5842265



4530996



2367524



6488163



14876899

Inverse Universe

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



4531013



5842265



2311476



2367524



6488163



14876899

Previews

White Background



This preview shows how the Decimal color 4531013 looks on a white background.

Color Contrast Check

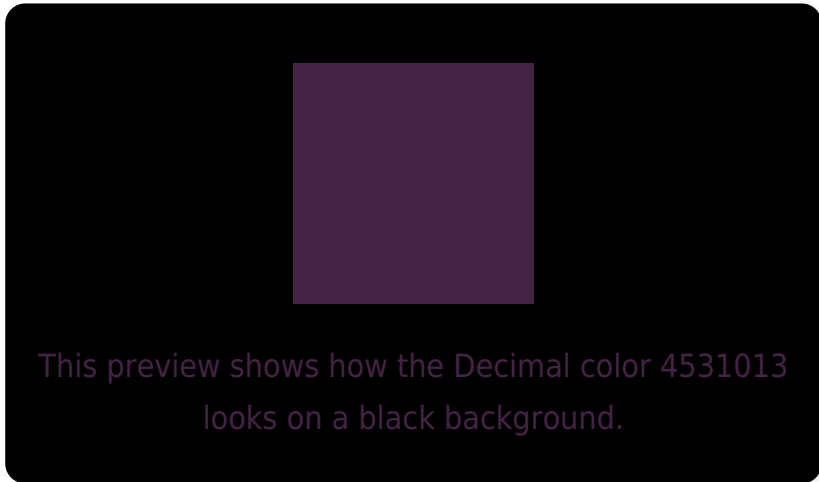
Large Text (above 18pt) WCAG AA ✓ Pass

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

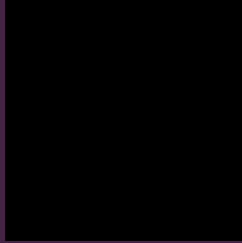
Any Text WCAG AA × Fail

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 4531013 Background



This preview shows how black text looks on a background with the Decimal color 4531013.



This preview shows how white text looks on a background with the Decimal color 4531013.

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](#).

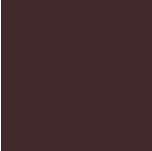
Dichromacy



Original Color
4531013

Protanopia
2305871

Deuteranopia
2764867



Tritanopia
4335916

Trichromacy



Original Color
4531013

Protanomaly
3091275

Deuteranomaly
3418948

Tritanomaly
4400949

Monochromacy



Original Color
4531013

Achromatopsia
3223857

Achromatomaly
3681336

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4531013 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 #452345 looks like.

```
.text, #text, p{  
    color:#452345  
}
```

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 #452345 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #452345
}
```

Border

The CSS property to change the border of an element to Decimal 4531013 is called "border". The border property can be set on classes, ids or directly on the HTML element.

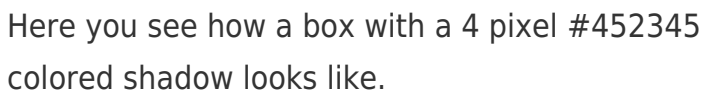
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#452345 }
```

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

```
.border{ border-color:#452345 }
```

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



Here you see how a box with a 4 pixel #452345 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #452345; -webkit-box-shadow:4px 4px  
4px 4px #452345; box-shadow:4px 4px 4px  
4px #452345 }
```

Background

The CSS property to change the background color of an element to Decimal 4531013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#452345 }
```

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

```
.background{ background-color:#452345 }
```

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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