

Converting Colors

Decimal(4653140)

Have a look what the booklet for
Decimal(4653140) contains.

Decimal(4653140)	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>	28

Color

Decimal(4653140)

Conversions

Conversions Part 1

Format	Color
Hex	470054
RGB	71, 0, 84
RGB Percent	28%, 0%, 33%
CMY	0.7216, 1.0000, 0.6706
CMYK	0.15, 1.00, 0.00, 0.67
HSL	291°, 100%, 16%
HSV	291°, 100%, 33%
XYZ	4.1988, 1.9797, 8.5483
YIQ	30.8050, 15.3520, 41.1760

Conversions

Conversions Part 2

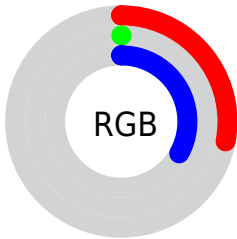
Format	Color
R_{YB}	71, 0, 84
Decimal	4653140
CIE _{Lab}	15.38, 41.49, -31.53
CIE _{LCh}	15, 52.116, 322.765
Yxy	1.9797, 0.2851, 0.1344
Android (android.graphics.Color)	4282843220 (0xFF470054)
YUV	30.8050, 26.2251, 35.2510
Hunter-Lab	14.0701, 28.6447, -26.1726

Details

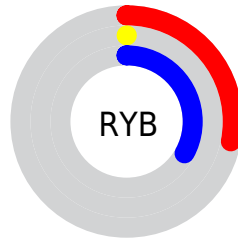
The Decimal color **4653140** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **873472**, and the grayscale version is **2039583**.

A 20% lighter version of the original color is **8075142**, and **1441830** is the 20% darker color. If you saturate the color by 10%, you get **4653140**, and if you desaturate by 10%, it is **4720724**.

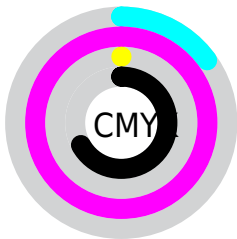
Distribution



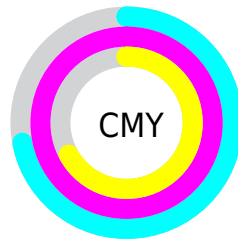
- Red (28%)
- Green (0%)
- Blue (33%)



- Red (28%)
- Yellow (0%)
- Blue (33%)



- Cyan (15%)
- Magenta (100%)
- Yellow (0%)
- Black (67%)



- Cyan (72%)
- Magenta (100%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4653140 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 4653140 by changing the saturation by 10% instead.

 4653140

 4653140

 16774399

 3080252

 8075142

 1441830

 9851297

 271

 11627196

 0

 13468888

 15376372

 16759807

 16766975

 4653140

■ 4720724

■ 4854100

■ 4921684

■ 4989524

■ 5057108

■ 5190228

■ 5258068

■ 5325652

■ 5459028

Harmonies

Analogous

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



8556



4653140



6225969

Triad

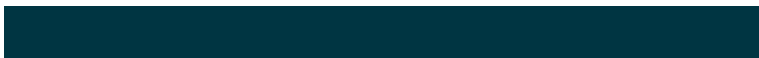
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4653140



3678720



13634

Complementary

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



4653140



873472

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.



13340



4653140



1322240

Square

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



4653140



5376512



12544



13410

Rectangle

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



4653140



6422553



12544



13622

Sweetspot

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



4653140



6901102



3668



3482680



12105912



3684408

Same Dimension

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



4653140



6094958



5505080



2630953



5767273



12845288

Inverse Universe

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



5505037



7208977



21532



2696485



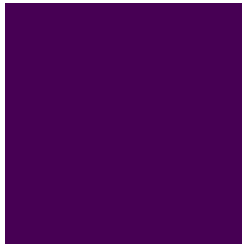
6881296



15204388

Previews

White Background



This preview shows how the Decimal color 4653140 looks on a white background.

Color Contrast Check

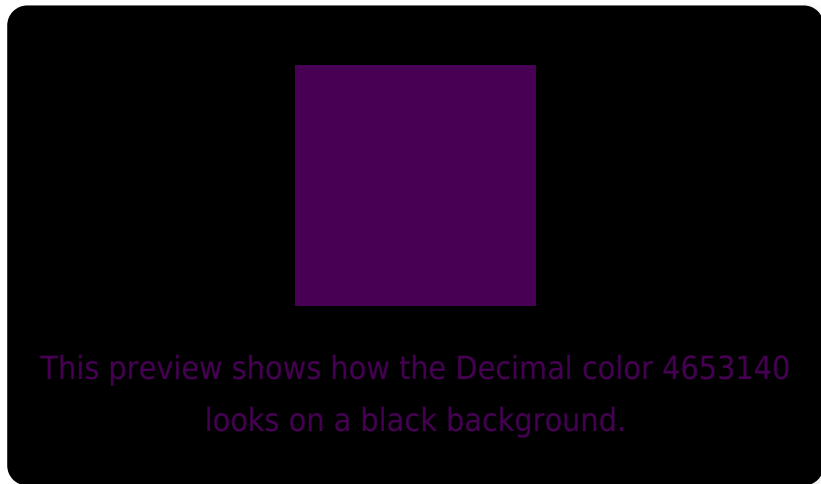
Large Text (above 18pt) WCAG AA ✓ Pass

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

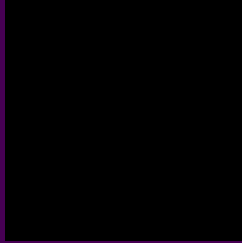
Any Text WCAG AA × Fail

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 4653140 Background



This preview shows how black text looks on a background with the Decimal color 4653140.



This preview shows how white text looks on a background with the Decimal color 4653140.

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](#).

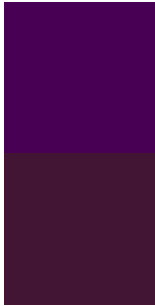
Dichromacy



Original Color
4653140

Tritanopia
4202787

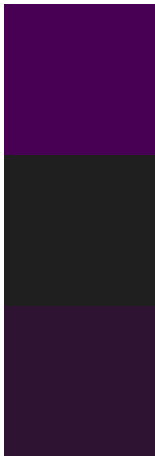
Trichromacy



Original Color
4653140

Tritanomaly
4396341

Monochromacy



Original Color
4653140

Achromatopsia
2039583

Achromatomaly
3019826

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4653140 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 #470054 looks like.

```
.text, #text, p{  
    color:#470054  
}
```

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 #470054 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #470054
}
```

Border

The CSS property to change the border of an element to Decimal 4653140 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".

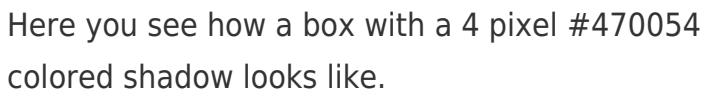
```
.border, #border, table{ border:4px solid
#470054 }
```

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

```
.border{ border-color:#470054 }
```

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

Here you see how a box with a 4 pixel #470054 colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border on the top and left sides, and a thicker dark purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #470054; -webkit-box-shadow:4px 4px  
4px 4px #470054; box-shadow:4px 4px 4px  
4px #470054 }
```

Background

The CSS property to change the background color of an element to Decimal 4653140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#470054 }
```

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

```
.background{ background-color:#470054 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor