

# Converting Colors

Hex(452152)

Have a look what the booklet for  
Hex(452152) contains.

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# Color

**Hex(452152)**

# Conversions

## Conversions Part 1

Format	Color
Hex	452152
RGB	69, 33, 82
RGB Percent	27%, 13%, 32%
CMY	0.7294, 0.8706, 0.6784
CMYK	0.16, 0.60, 0.00, 0.68
HSL	284°, 43%, 23%
HSV	284°, 60%, 32%
XYZ	4.5211, 2.9621, 8.3161
YIQ	49.3500, 5.7270, 22.8710

# Conversions

## Conversions Part 2

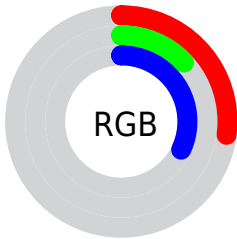
Format	Color
<a href="#">RYB</a>	<a href="#">69, 33, 82</a>
Decimal	<a href="#">4530514</a>
CIELab	<a href="#">19.89, 26.46, -22.97</a>
CIElCh	<a href="#">20, 35.041, 319.032</a>
Yxy	<a href="#">2.9621, 0.2862, 0.1875</a>
Android (android.graphics.Color)	<a href="#">4282720594 (0xFF452152)</a>
YUV	<a href="#">49.3500, 16.0965, 17.2331</a>
Hunter-Lab	<a href="#">17.2108, 16.7711, -16.6008</a>

# Details

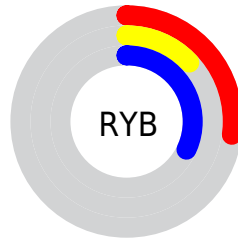
The Hex color **452152** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **2E5221**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **774F84**, and **1C0025** is the 20% darker color. If you saturate the color by 10%, you get **431952**, and if you desaturate by 10%, it is **472952**.

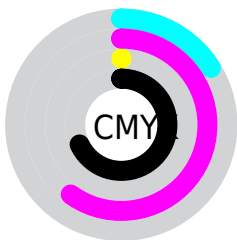
# Distribution



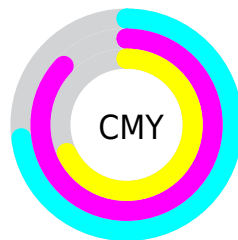
- Red (27%)
- Green (13%)
- Blue (32%)



- Red (27%)
- Yellow (13%)
- Blue (32%)



- Cyan (16%)
- Magenta (60%)
- Yellow (0%)
- Black (68%)



- Cyan (73%)
- Magenta (87%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 452152 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 Hex color 452152 by changing the saturation by 10% instead.



452152

452152

FFFFFF

2D0B3B

774F84

1C0025

91689E

00010D

AC81B9

000000

C89BD5

E4B7F1

FFD2FF

FFEEFF

452152

452152

■ 431952

■ 472952

■ 411152

■ 493152

■ 3E0852

■ 4C3A52

■ 3C0052

■ 4E4252

■ 504A52

■ 525252

■ 545A52

■ 566352

■ 596B52

# Harmonies

## Analogous

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



182D61



452152



59153B

# Triad

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



452152



442B00



003C40

# Complementary

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



452152



2E5221

# 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.



003B25



452152



2D3400

# Square

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



452152



552007



08390B



003A56

# Rectangle

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



452152



5D1329



08390B



003C37



# Sweetspot

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



452152



66586B



212E52



322A36



B5B5B5



363636



# Same Dimension

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



452152



571E6B



522147



282529



4D0069



AA00E8



# Inverse Universe

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



52212E



6B1E32



21522C



292526



69001C



E8003E



# Previews

## White Background



This preview shows how the Hex color 452152 looks on a white background.

## Color Contrast Check

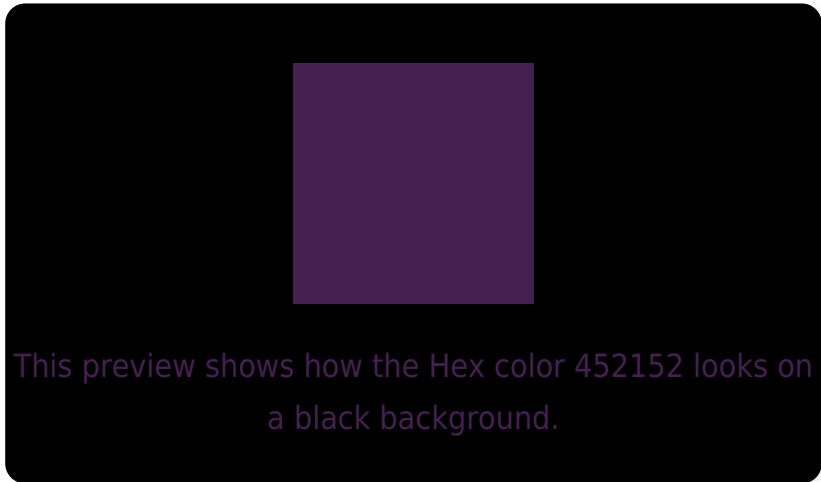
Large Text (above 18pt) WCAG AA ✓ Pass

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

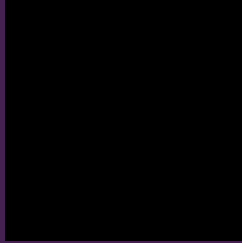
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 452152 Background



This preview shows how black text looks on a background with the Hex color 452152.



This preview shows how white text looks on a background with the Hex color 452152.

# 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**  
452152

**Protanopia**  
122F60

**Deuteranopia**  
1F314F



**Tritanopia**  
402B2E

# Trichromacy



**Original Color**  
452152

**Protanomaly**  
252A5B

**Deuteranomaly**  
2D2B50

**Tritanomaly**  
42273B

# Monochromacy



**Original Color**  
452152

**Achromatopsia**  
313131

**Achromatomaly**  
382B3D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 452152 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 #452152 looks like.

```
.text, #text, p{  
    color:#452152  
}
```

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 #452152 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #452152
}
```

## Border

The CSS property to change the border of an element to Hex 452152 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
#452152 }
```

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

```
.border{ border-color:#452152 }
```

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

Here you see how a box with a 4 pixel #452152 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #452152; -webkit-box-shadow:4px 4px  
4px 4px #452152; box-shadow:4px 4px 4px  
4px #452152 }
```

# Background

The CSS property to change the background color of an element to Hex 452152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#452152 }
```

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

```
.background{ background-color:#452152 }
```

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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