

# Converting Colors

Hex(4D2956)

Have a look what the booklet for  
Hex(4D2956) contains.

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# Color

**Hex(4D2956)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4D2956
RGB	77, 41, 86
RGB Percent	30%, 16%, 34%
CMY	0.6980, 0.8392, 0.6627
CMYK	0.10, 0.52, 0.00, 0.66
HSL	288°, 35%, 25%
HSV	288°, 52%, 34%
XYZ	5.5332, 3.8355, 9.2528
YIQ	56.8940, 7.0110, 21.6270

# Conversions

## Conversions Part 2

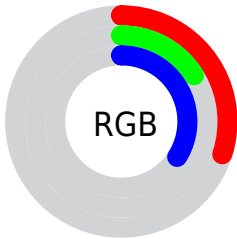
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	77, 41, 86
Decimal	5056854
CIE <sub>Lab</sub>	23.12, 25.16, -20.48
CIE <sub>LCh</sub>	23, 32.444, 320.856
Yxy	3.8355, 0.2971, 0.2060
Android (android.graphics.Color)	4283246934 (0xFF4D2956)
<b>YUV</b>	56.8940, 14.3493, 17.6330
Hunter-Lab	19.5845, 16.1587, -14.3026

# Details

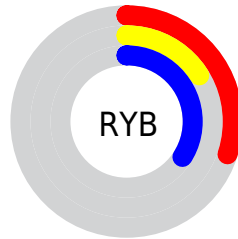
The Hex color **4D2956** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **325629**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **7F5888**, and **210029** is the 20% darker color. If you saturate the color by 10%, you get **4B2056**, and if you desaturate by 10%, it is **4F3256**.

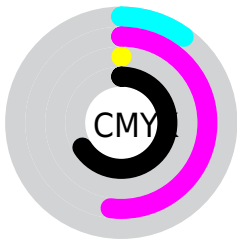
# Distribution



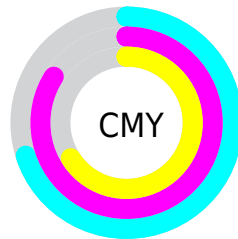
- Red (30%)
- Green (16%)
- Blue (34%)



- Red (30%)
- Yellow (16%)
- Blue (34%)



- Cyan (10%)
- Magenta (52%)
- Yellow (0%)
- Black (66%)



- Cyan (70%)
- Magenta (84%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4D2956 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 4D2956 by changing the saturation by 10% instead.



 4D2956

 4D2956

FFFFFF

 35133F

 7F5888

 210029

 9A71A2

 000113

 B58ABD

 000000

 D0A5D9

 EDC0F6

 FFDCFF

 FFF9FF

 4D2956

 4D2956

■ 4B2056

■ 4F3256

■ 4A1856

■ 503A56

■ 480F56

■ 524356

■ 460756

■ 544B56

■ 450056

■ 565456

■ 575D56

■ 596556

■ 5B6E56

■ 5C7656

# Harmonies

## Analogous

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



293465



4D2956



5F2040

# Triad

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



4D2956



4A3301



004248

# Complementary

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



4D2956



325629

# 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.



00422F



4D2956



333B03

# Square

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



4D2956



5A2912



144017



00415C

# Rectangle

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



4D2956



631F2F



144017



004340



# Sweetspot

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



4D2956



6D5E70



293256



362D38



B8B8B8



383838



# Same Dimension

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



4D2956



622A70



562949



2A272B



56006B



BC00EB



# Inverse Universe

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



562932



702A38



295637



2B2728



6B0015



EB002F



# Previews

## White Background



This preview shows how the Hex color 4D2956 looks on a white background.

## Color Contrast Check

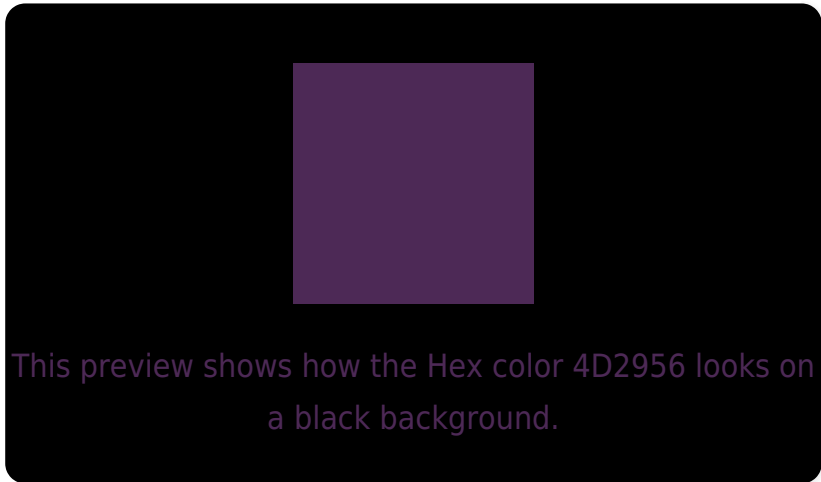
Large Text (above 18pt) WCAG AA ✓ Pass

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

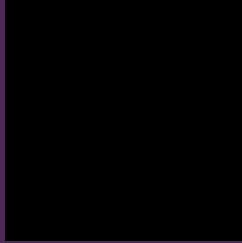
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4D2956 Background



This preview shows how black text looks on a background with the Hex color 4D2956.



This preview shows how white text looks on a background with the Hex color 4D2956.

# 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](#).

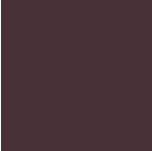
## Dichromacy



**Original Color**  
4D2956

**Protanopia**  
243662

**Deuteranopia**  
2B3753



**Tritanopia**  
483135

# Trichromacy



**Original Color**  
4D2956

**Protanomaly**  
33315E

**Deuteranomaly**  
373254

**Tritanomaly**  
4A2E41

# Monochromacy



**Original Color**  
4D2956

**Achromatopsia**  
393939

**Achromatomaly**  
403344

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4D2956 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 #4D2956 looks like.

```
.text, #text, p{  
    color:#4D2956  
}
```

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 #4D2956 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D2956  
}
```

## Border

The CSS property to change the border of an element to Hex 4D2956 is called "border". The border property can be set on classes, ids or directly on the HTML element.

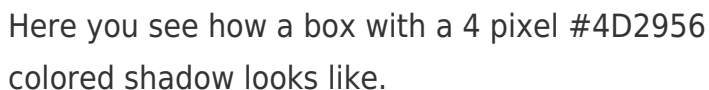
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#4D2956 }
```

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

```
.border{ border-color:#4D2956 }
```

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



Here you see how a box with a 4 pixel #4D2956 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D2956; -webkit-box-shadow:4px 4px  
4px 4px #4D2956; box-shadow:4px 4px 4px  
4px #4D2956 }
```

# Background

The CSS property to change the background color of an element to Hex 4D2956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D2956 }
```

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

```
.background{ background-color:#4D2956 }
```

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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