

Converting Colors

Hex(4D0C56)

Have a look what the booklet for
Hex(4D0C56) contains.

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Color

Hex(4D0C56)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 4D0C56 |
| RGB | 77, 12, 86 |
| RGB Percent | 30%, 5%, 34% |
| CMY | 0.6980, 0.9529, 0.6627 |
| CMYK | 0.10, 0.86, 0.00, 0.66 |
| HSL | 293°, 76%, 19% |
| HSV | 293°, 86%, 34% |
| XYZ | 4.8718, 2.5126, 9.0323 |
| YIQ | 39.8710, 14.9860, 36.7940 |

Conversions

Conversions Part 2

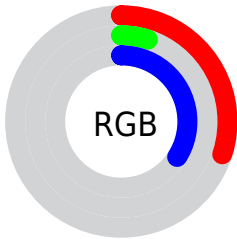
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 77, 12, 86 |
| Decimal | 5049430 |
| CIE _{Lab} | 17.98, 39.29, -28.65 |
| CIE _{LCh} | 18, 48.621, 323.900 |
| Yxy | 2.5126, 0.2968, 0.1531 |
| Android (android.graphics.Color) | 4283239510 (0xFF4D0C56) |
| YUV | 39.8710, 22.7416, 32.5621 |
| Hunter-Lab | 15.8512, 27.1210, -22.6887 |

Details

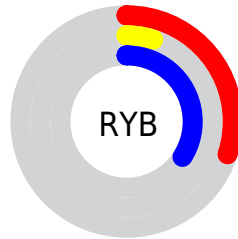
The Hex color **4D0C56** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **15560C**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **814088**, and **200028** is the 20% darker color. If you saturate the color by 10%, you get **4C0356**, and if you desaturate by 10%, it is **4E1556**.

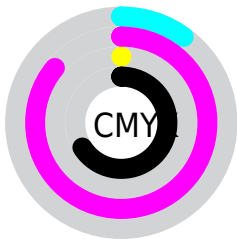
Distribution



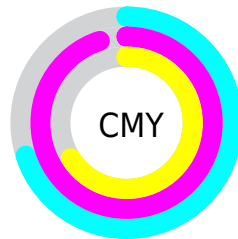
- Red (30%)
- Green (5%)
- Blue (34%)



- Red (30%)
- Yellow (5%)
- Blue (34%)



- Cyan (10%)
- Magenta (86%)
- Yellow (0%)
- Black (66%)



- Cyan (70%)
- Magenta (95%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D0C56 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 4D0C56 by changing the saturation by 10% instead.

 4D0C56

 4D0C56

 FFFDFF

 34003E

 814088

 200028

 9C59A3

 000112

 B772BE

 000000

 D38DDA

 F0A8F7

 FFC3FF

 FFE0FF

 4D0C56

 4D0C56

■ 4C0356

■ 4E1556

■ 4C0056

■ 4F1D56

■ 502656

■ 512E56

■ 523756

■ 534056

■ 544856

■ 555156

■ 565956

Harmonies

Analogous

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



01266D



4D0C56



630035

Triad

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



4D0C56



3D2800



003A48

Complementary

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



4D0C56



15560C

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.



003923



4D0C56



1C3200

Square

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



4D0C56



561500



003700



003965

Rectangle

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



4D0C56



66001E



003700



003A3C

Sweetspot

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



4D0C56



6D5370



0C1656



362738



B8B8B8



383838

Same Dimension

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



4D0C56



630070



560C3B



2B272B



5E006B



CE00EB

Inverse Universe

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



560C15



7000E



0C5627



2B2728



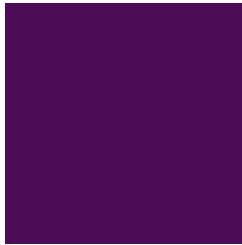
6B000D



EB001D

Previews

White Background



This preview shows how the Hex color 4D0C56 looks on a white background.

Color Contrast Check

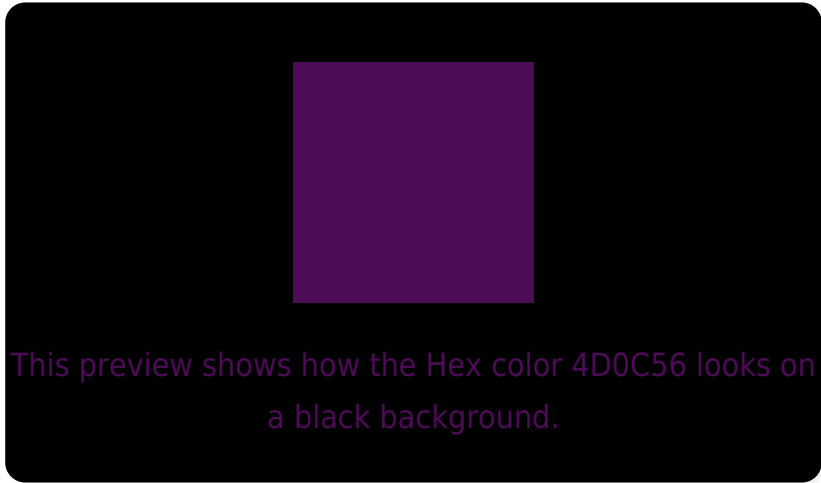
Large Text (above 18pt) WCAG AA ✓ Pass

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

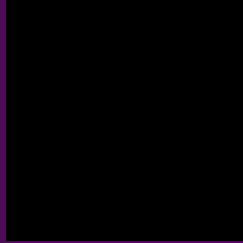
Any Text WCAG AA × Fail

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 4D0C56 Background



This preview shows how black text looks on a background with the Hex color 4D0C56.



This preview shows how white text looks on a background with the Hex color 4D0C56.

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
4D0C56

Protanopia
002D5E

Deuteranopia
112F51



Tritanopia
472325

Trichromacy



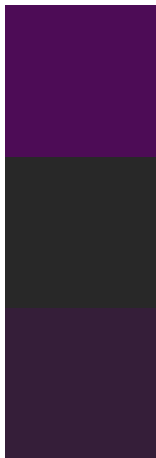
Original Color
4D0C56

Protanomaly
1C215B

Deuteranomaly
272253

Tritanomaly
491B37

Monochromacy



Original Color
4D0C56

Achromatopsia
282828

Achromatomaly
351E39

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D0C56 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 #4D0C56 looks like.

```
.text, #text, p{  
    color:#4D0C56  
}
```

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 #4D0C56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D0C56  
}
```

Border

The CSS property to change the border of an element to Hex 4D0C56 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".

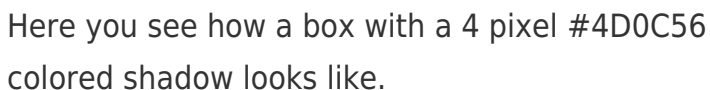
```
.border, #border, table{ border:4px solid  
#4D0C56 }
```

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

```
.border{ border-color:#4D0C56 }
```

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

Here you see how a box with a 4 pixel #4D0C56 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D0C56; -webkit-box-shadow:4px 4px  
4px 4px #4D0C56; box-shadow:4px 4px 4px  
4px #4D0C56 }
```

Background

The CSS property to change the background color of an element to Hex 4D0C56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D0C56 }
```

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

```
.background{ background-color:#4D0C56 }
```

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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