

Converting Colors

Hex(4D1B64)

Have a look what the booklet for
Hex(4D1B64) contains.

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Color

Hex(4D1B64)

Conversions

Conversions Part 1

Format	Color
Hex	4D1B64
RGB	77, 27, 100
RGB Percent	30%, 11%, 39%
CMY	0.6980, 0.8941, 0.6078
CMYK	0.23, 0.73, 0.00, 0.61
HSL	281°, 57%, 25%
HSV	281°, 73%, 39%
XYZ	5.7528, 3.2817, 12.3868
YIQ	50.2720, 6.3670, 33.3030

Conversions

Conversions Part 2

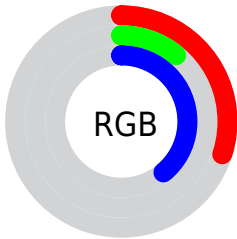
Format	Color
R_{YB}	77, 27, 100
Decimal	5053284
CIE _{Lab}	21.14, 36.23, -32.88
CIE _{LCh}	21, 48.925, 317.780
Yxy	3.2817, 0.2686, 0.1532
Android (android.graphics.Color)	4283243364 (0xFF4D1B64)
YUV	50.2720, 24.5159, 23.4405
Hunter-Lab	18.1156, 24.9818, -27.8596

Details

The Hex color **4D1B64** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **32641B**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **814B97**, and **200035** is the 20% darker color. If you saturate the color by 10%, you get **4A1164**, and if you desaturate by 10%, it is **502564**.

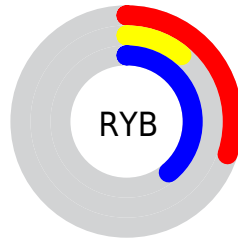
Distribution



Red (30%)

Green (11%)

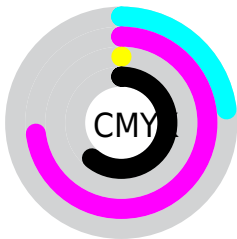
Blue (39%)



Red (30%)

Yellow (11%)

Blue (39%)

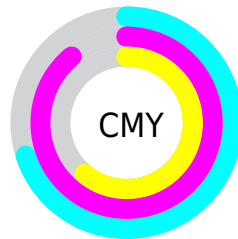


Cyan (23%)

Magenta (73%)

Yellow (0%)

Black (61%)



Cyan (70%)

Magenta (89%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D1B64 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 4D1B64 by changing the saturation by 10% instead.

4D1B64

4D1B64

FFFFFF

34014C

814B97

200035

9B64B2

00021E

B77ECE

000001

D398EA

000000

F0B3FF

FFCFFF

FFECFF

4D1B64

4D1B64

■ 4A1164

■ 502564

■ 470764

■ 532F64

■ 440064

■ 563964

■ 5A4364

■ 5D4D64

■ 605764

■ 636164

■ 666B64

■ 697564

Harmonies

Analogous

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



003079



4D1B64



6A0043

Triad

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



4D1B64



4C2C00



004148

Complementary

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



4D1B64



32641B

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.



004022



4D1B64



2C3800

Square

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



4D1B64



641700



003E00



004168

Rectangle

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



4D1B64



6F002B



003E00



00413C

Sweetspot

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



4D1B64



796582



1B3264



3D3142



C2C2C2



424242

Same Dimension

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



4D1B64



5E1082



641B57



312E33



4F0073



A600F2

Inverse Universe

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



641B32



821034



1B6428



332E30



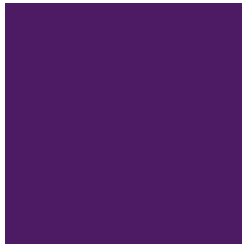
730024



F2004C

Previews

White Background



This preview shows how the Hex color 4D1B64 looks on a white background.

Color Contrast Check

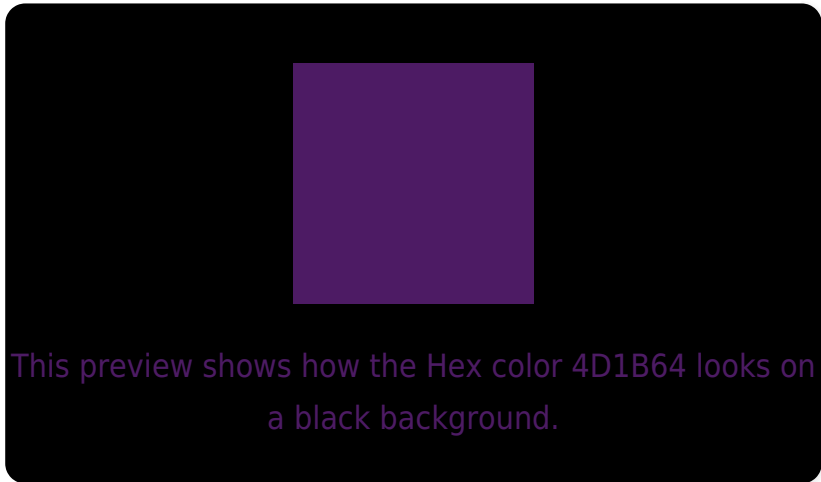
Large Text (above 18pt) WCAG AA ✓ Pass

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

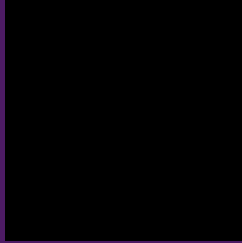
Any Text WCAG AA × Fail

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 4D1B64 Background



This preview shows how black text looks on a background with the Hex color 4D1B64.



This preview shows how white text looks on a background with the Hex color 4D1B64.

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
4D1B64

Protanopia
00326A

Deuteranopia
00355E



Tritanopia
452D31

Trichromacy



Original Color
4D1B64

Protanomaly
1C2A68

Deuteranomaly
1C2C60

Tritanomaly
482644

Monochromacy



Original Color
4D1B64

Achromatopsia
323232

Achromatomaly
3C2A44

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D1B64 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 #4D1B64 looks like.

```
.text, #text, p{  
    color:#4D1B64  
}
```

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 #4D1B64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D1B64
}
```

Border

The CSS property to change the border of an element to Hex 4D1B64 is called "border". The border property can be set on classes, ids or directly on the HTML element.

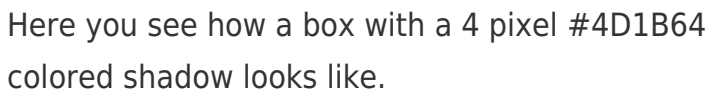
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4D1B64 }
```

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

```
.border{ border-color:#4D1B64 }
```

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



Here you see how a box with a 4 pixel #4D1B64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D1B64; -webkit-box-shadow:4px 4px  
4px 4px #4D1B64; box-shadow:4px 4px 4px  
4px #4D1B64 }
```

Background

The CSS property to change the background color of an element to Hex 4D1B64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D1B64 }
```

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

```
.background{ background-color:#4D1B64 }
```

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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