

Converting Colors

Hex(46204D)

Have a look what the booklet for
Hex(46204D) contains.

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Color

Hex(46204D)

Conversions

Conversions Part 1

Format	Color
Hex	46204D
RGB	70, 32, 77
RGB Percent	27%, 13%, 30%
CMY	0.7255, 0.8745, 0.6980
CMYK	0.09, 0.58, 0.00, 0.70
HSL	291°, 41%, 21%
HSV	291°, 58%, 30%
XYZ	4.3819, 2.8709, 7.3444
YIQ	48.4920, 8.2030, 22.0510

Conversions

Conversions Part 2

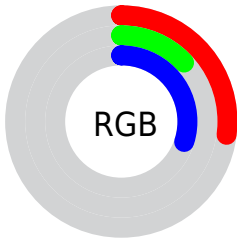
Format	Color
RYB	70, 32, 77
Decimal	4595789
CIELab	19.52, 26.18, -20.17
CIELCh	20, 33.053, 322.388
Yxy	2.8709, 0.3002, 0.1967
Android (android.graphics.Color)	4282785869 (0xFF46204D)
YUV	48.4920, 14.0544, 18.8625
Hunter-Lab	16.9438, 16.5102, -13.8388

Details

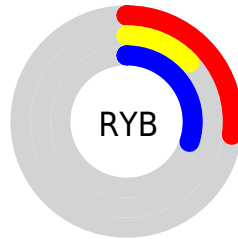
The Hex color **46204D** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **274D20**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **784E7E**, and **1D0021** is the 20% darker color. If you saturate the color by 10%, you get **45184D**, and if you desaturate by 10%, it is **47284D**.

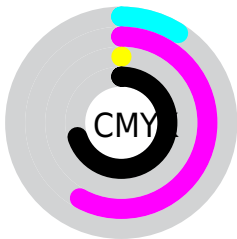
Distribution



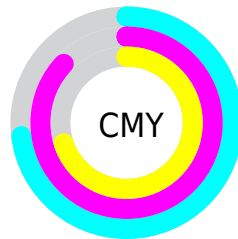
- Red (27%)
- Green (13%)
- Blue (30%)



- Red (27%)
- Yellow (13%)
- Blue (30%)



- Cyan (9%)
- Magenta (58%)
- Yellow (0%)
- Black (70%)



- Cyan (73%)
- Magenta (87%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 46204D 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 46204D by changing the saturation by 10% instead.

■ 46204D

■ 46204D

FFFFFF

■ 2F0936

■ 784E7E

■ 1D0021

■ 926798

■ 000005

■ AD80B3

■ 000000

■ C89ACF

■ E5B5EB

■ FFD1FF

■ FFEEFF

■ 46204D

■ 46204D

■ 45184D

■ 47284D

■ 44114D

■ 482F4D

■ 42094D

■ 4A374D

■ 41014D

■ 4B3F4D

■ 41004D

■ 4C474D

■ 4D4E4D

■ 4E564D

■ 505E4D

■ 51654D

Harmonies

Analogous

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



212C5C



46204D



571636

Triad

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



46204D



402C00



003A41

Complementary

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



46204D



274D20

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.



003A28



46204D



2A3300

Square

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



46204D



512206



05380F



003955

Rectangle

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



46204D



5A1626



05380F



003A39

Sweetspot

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



46204D



615263



20284D



312833



B3B3B3



333333

Same Dimension

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



46204D



591E63



4D203E



262226



560066



C200E6

Inverse Universe

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



4D2027



631E29



204D2F



262223



660010



E60024

Previews

White Background



This preview shows how the Hex color 46204D looks on a white background.

Color Contrast Check

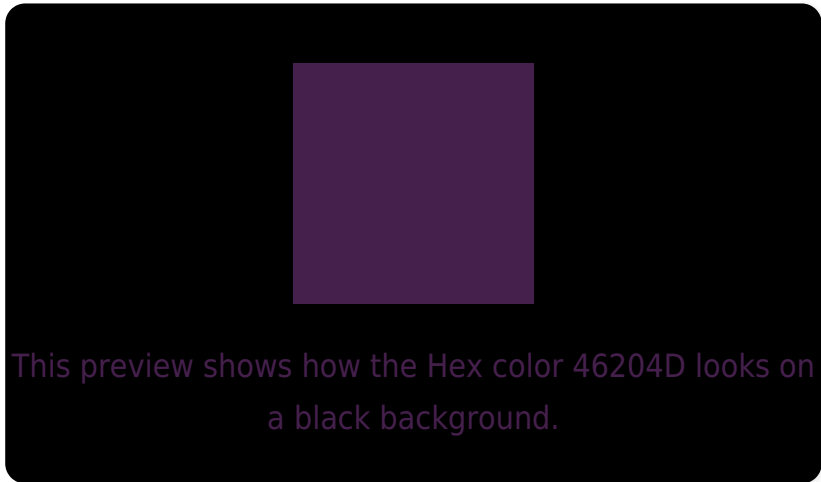
Large Text (above 18pt) WCAG AA ✓ Pass

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

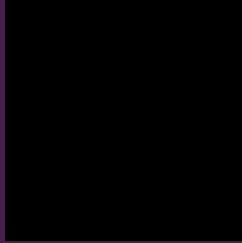
Any Text WCAG AA × Fail

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 46204D Background



This preview shows how black text looks on a background with the Hex color 46204D.



This preview shows how white text looks on a background with the Hex color 46204D.

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
46204D

Protanopia
182F5B

Deuteranopia
23304A



Tritanopia
42292C

Trichromacy



Original Color
46204D

Protanomaly
292A56

Deuteranomaly
302A4B

Tritanomaly
432638

Monochromacy



Original Color
46204D

Achromatopsia
303030

Achromatomaly
382A3B

CSS Examples

Text

The CSS property to change the color of the text to Hex 46204D 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 #46204D looks like.

```
.text, #text, p{  
    color:#46204D  
}
```

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 #46204D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46204D
}
```

Border

The CSS property to change the border of an element to Hex 46204D 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
#46204D }
```

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

```
.border{ border-color:#46204D }
```

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

Here you see how a box with a 4 pixel #46204D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46204D; -webkit-box-shadow:4px 4px  
4px 4px #46204D; box-shadow:4px 4px 4px  
4px #46204D }
```

Background

The CSS property to change the background color of an element to Hex 46204D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46204D }
```

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

```
.background{ background-color:#46204D }
```

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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