

Converting Colors

Hex(4D4572)

Have a look what the booklet for
Hex(4D4572) contains.

Hex(4D4572)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4D4572)

Conversions

Conversions Part 1

Format	Color
Hex	4D4572
RGB	77, 69, 114
RGB Percent	30%, 27%, 45%
CMY	0.6980, 0.7294, 0.5529
CMYK	0.32, 0.39, 0.00, 0.55
HSL	251°, 25%, 36%
HSV	251°, 39%, 45%
XYZ	8.2260, 7.0489, 16.8466
YIQ	76.5220, -9.6770, 15.6910

Conversions

Conversions Part 2

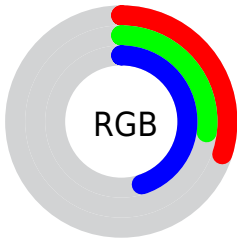
Format	Color
RYB	77, 69, 114
Decimal	5064050
CIELab	31.92, 14.62, -24.75
CIElCh	32, 28.749, 300.574
Yxy	7.0489, 0.2561, 0.2194
Android (android.graphics.Color)	4283254130 (0xFF4D4572)
YUV	76.5220, 18.4767, 0.4192
Hunter-Lab	26.5498, 8.8426, -19.0363

Details

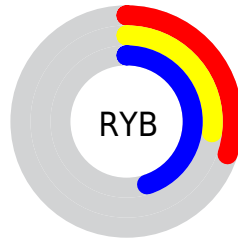
The Hex color **4D4572** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **6A7245**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **7F75A6**, and **1E1A42** is the 20% darker color. If you saturate the color by 10%, you get **443A72**, and if you desaturate by 10%, it is **565072**.

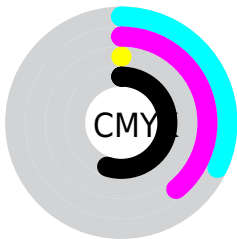
Distribution



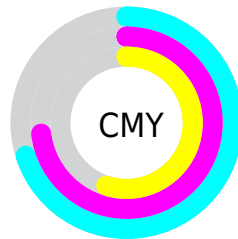
- Red (30%)
- Green (27%)
- Blue (45%)



- Red (30%)
- Yellow (27%)
- Blue (45%)



- Cyan (32%)
- Magenta (39%)
- Yellow (0%)
- Black (55%)



- Cyan (70%)
- Magenta (73%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D4572 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 4D4572 by changing the saturation by 10% instead.

■ 4D4572

■ 4D4572

FFFFFF

■ 352F59

■ 7F75A6

■ 1E1A42

■ 9A8FC1

■ 0A002B

■ B5A9DD

■ 000116

■ D1C5FA

■ 000000

■ EDE1FF

■ FFFDFD

■ 4D4572

■ 4D4572

■ 443A72

■ 565072

■ 3A2E72

■ 605C72

■ 312372

■ 696772

■ 281772

■ 727372

■ 1E0C72

■ 7C7E72

■ 150172

■ 858972

■ 140072

■ 8F9572

■ 98A072

■ A1AC72

Harmonies

Analogous

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



224D78



4D4572



673C62

Triad

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



4D4572



6A4224



00564B

Complementary

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



4D4572



6A7245

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.



235534



4D4572



584A1C

Square

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



4D4572



743A35



415023



005661

Rectangle

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



4D4572



713953



415023



005643

Sweetspot

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



4D4572



858294



456A72



41404A



C9C9C9



4A4A4A

Same Dimension

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



4D4572



5B4E94



634572



333238



150078



2C00F7

Inverse Universe

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



72456A



944E88



547245



383237



780063



F700CB

Previews

White Background



This preview shows how the Hex color 4D4572 looks on a white background.

Color Contrast Check

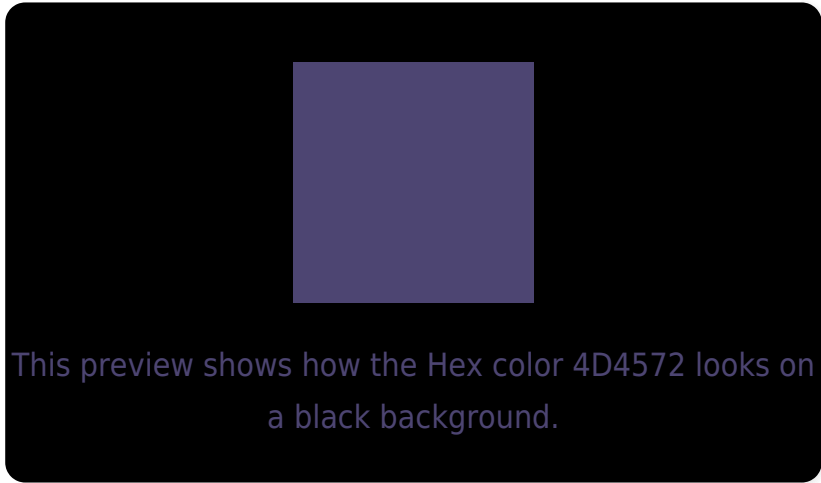
Large Text (above 18pt) WCAG AA ✓ Pass

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

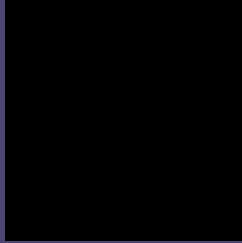
Any Text WCAG AA × Fail

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 4D4572 Background



This preview shows how black text looks on a background with the Hex color 4D4572.



This preview shows how white text looks on a background with the Hex color 4D4572.

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
4D4572

Protanopia
3B4A76

Deuteranopia
3A4B71



Tritanopia
464C52

Trichromacy



Original Color
4D4572

Protanomaly
424875

Deuteranomaly
414971

Tritanomaly
49495E

Monochromacy



Original Color
4D4572

Achromatopsia
4D4D4D

Achromatomaly
4D4A5A

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D4572 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 #4D4572 looks like.

```
.text, #text, p{  
    color:#4D4572  
}
```

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 #4D4572 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D4572
}
```

Border

The CSS property to change the border of an element to Hex 4D4572 is called "border". The border property can be set on classes, ids or directly on the HTML element.

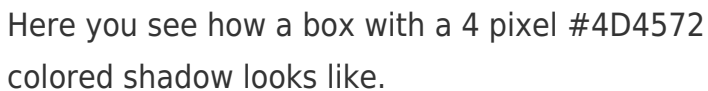
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4D4572 }
```

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

```
.border{ border-color:#4D4572 }
```

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



Here you see how a box with a 4 pixel #4D4572 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D4572; -webkit-box-shadow:4px 4px  
4px 4px #4D4572; box-shadow:4px 4px 4px  
4px #4D4572 }
```

Background

The CSS property to change the background color of an element to Hex 4D4572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D4572 }
```

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

```
.background{ background-color:#4D4572 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor