

Converting Colors

Hex(4D3557)

Have a look what the booklet for
Hex(4D3557) contains.

Hex(4D3557)	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(4D3557)

Conversions

Conversions Part 1

Format	Color
Hex	4D3557
RGB	77, 53, 87
RGB Percent	30%, 21%, 34%
CMY	0.6980, 0.7922, 0.6588
CMYK	0.11, 0.39, 0.00, 0.66
HSL	282°, 24%, 27%
HSV	282°, 39%, 34%
XYZ	6.0540, 4.8121, 9.6266
YIQ	64.0520, 3.3900, 15.6620

Conversions

Conversions Part 2

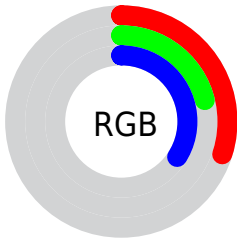
Format	Color
RYB	77, 53, 87
Decimal	5059927
CIELab	26.19, 17.82, -16.35
CIElCh	26, 24.183, 317.454
Yxy	4.8121, 0.2954, 0.2348
Android (android.graphics.Color)	4283250007 (0xFF4D3557)
YUV	64.0520, 11.3134, 11.3554
Hunter-Lab	21.9365, 10.8730, -10.6631




Details

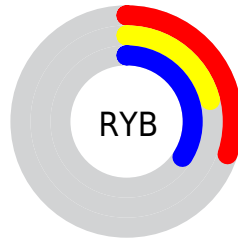
The Hex color **4D3557** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **3F5735**, and the grayscale version is **404040**.




A 20% lighter version of the original color is **7F6489**, and **200A29** is the 20% darker color. If you saturate the color by 10%, you get **4A2C57**, and if you desaturate by 10%, it is **503E57**.

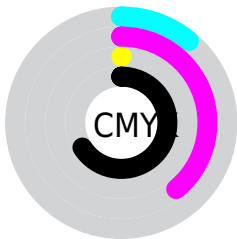
Distribution







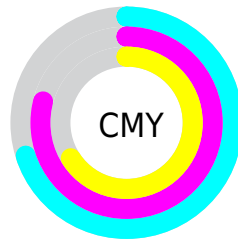
-  Red (30%)
-  Green (21%)
-  Blue (34%)






-  Red (30%)
-  Yellow (21%)
-  Blue (34%)



-  Cyan (11%)
-  Magenta (39%)
-  Yellow (0%)
-  Black (66%)



-  Cyan (70%)
-  Magenta (79%)
-  Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D3557 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 4D3557 by changing the saturation by 10% instead.

■ 4D3557

■ 4D3557

FFFFFF

■ 361F40

■ 7F6489

■ 200A29

■ 997DA3

■ 000015

■ B497BE

■ 000000

■ CFB2DA

■ ECCDF7

■ FFEAFF

■ 4D3557

■ 4D3557

■ 4A2C57

■ 503E57

■ 482457

■ 524657

■ 451B57

■ 554F57

■ 431257

■ 575857

■ 400A57

■ 5A6157

■ 3E0157

■ 5C6957

■ 3D0057

■ 5F7257

■ 617B57

■ 648357

Harmonies

Analogous

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



333C61



4D3557



5C3046

Triad

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



4D3557



503A1A



004748

Complementary

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



4D3557



3F5735

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.



094735



4D3557



3E401A

Square

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



4D3557



5C3424



294524



004659

Rectangle

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



4D3557



602F3A



294524



004742

Sweetspot

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



4D3557



6C6370



353F57



363038



B8B8B8



383838

Same Dimension

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



4D3557



613B70



573550



2A272B



4C006B



A600EB

Inverse Universe

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



57353F



703B4B



35573C



2B2728



6B001F



EB0045

Previews

White Background



This preview shows how the Hex color 4D3557 looks on a white background.

Color Contrast Check

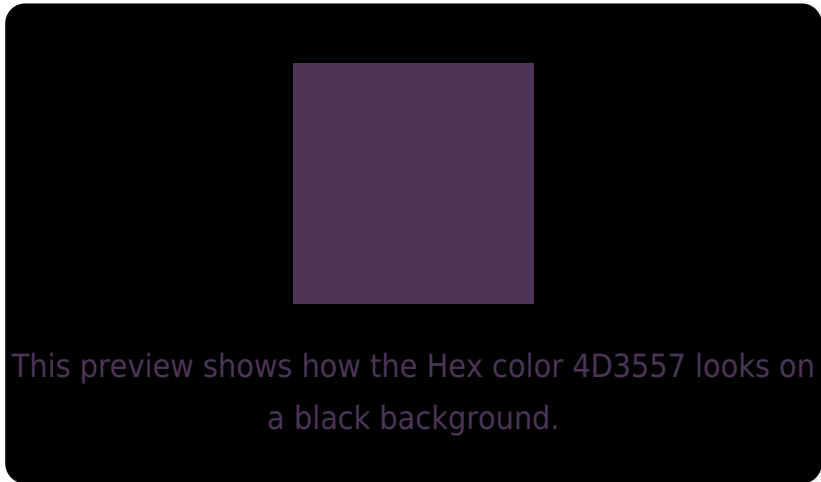
Large Text (above 18pt) WCAG AA ✓ Pass

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

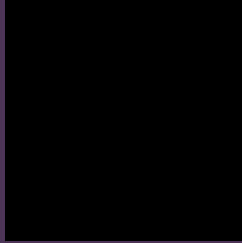
Any Text WCAG AA × Fail

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 4D3557 Background



This preview shows how black text looks on a background with the Hex color 4D3557.



This preview shows how white text looks on a background with the Hex color 4D3557.

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
4D3557

Protanopia
333D5E

Deuteranopia
373D55



Tritanopia
493A3F

Trichromacy



Original Color
4D3557

Protanomaly
3C3A5B

Deuteranomaly
3F3A56

Tritanomaly
4A3848

Monochromacy



Original Color
4D3557

Achromatopsia
404040

Achromatomaly
453C48

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D3557 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 #4D3557 looks like.

```
.text, #text, p{  
    color:#4D3557  
}
```

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 #4D3557 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D3557
}
```

Border

The CSS property to change the border of an element to Hex 4D3557 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
#4D3557 }
```

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

```
.border{ border-color:#4D3557 }
```

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

Here you see how a box with a 4 pixel #4D3557 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D3557; -webkit-box-shadow:4px 4px  
4px 4px #4D3557; box-shadow:4px 4px 4px  
4px #4D3557 }
```

Background

The CSS property to change the background color of an element to Hex 4D3557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D3557 }
```

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

```
.background{ background-color:#4D3557 }
```

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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