

Converting Colors

Hex(4D3564)

Have a look what the booklet for
Hex(4D3564) contains.

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Color

Hex(4D3564)

Conversions

Conversions Part 1

Format	Color
Hex	4D3564
RGB	77, 53, 100
RGB Percent	30%, 21%, 39%
CMY	0.6980, 0.7922, 0.6078
CMYK	0.23, 0.47, 0.00, 0.61
HSL	271°, 31%, 30%
HSV	271°, 47%, 39%
XYZ	6.6339, 5.0441, 12.6806
YIQ	65.5340, -0.7830, 19.7050

Conversions

Conversions Part 2

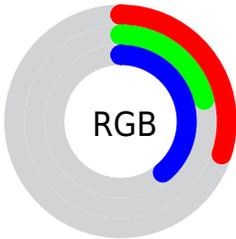
Format	Color
R_{YB}	77, 53, 100
Decimal	5059940
CIE _{Lab}	26.86, 21.12, -23.77
CIE _{LCh}	27, 31.801, 311.623
Yxy	5.0441, 0.2723, 0.2071
Android (android.graphics.Color)	4283250020 (0xFF4D3564)
YUV	65.5340, 16.9917, 10.0557
Hunter-Lab	22.4590, 13.4218, -17.7543

Details

The Hex color **4D3564** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **4C6435**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **7F6497**, and **1F0A35** is the 20% darker color. If you saturate the color by 10%, you get **482B64**, and if you desaturate by 10%, it is **523F64**.

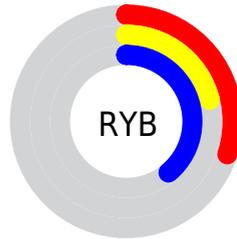
Distribution



 Red (30%)

 Green (21%)

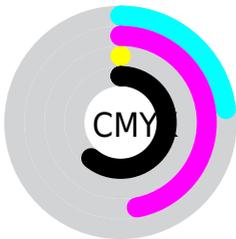
 Blue (39%)



 Red (30%)

 Yellow (21%)

 Blue (39%)

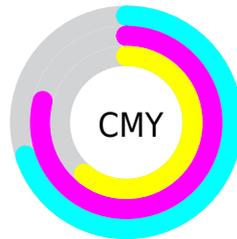


 Cyan (23%)

 Magenta (47%)

 Yellow (0%)

 Black (61%)



 Cyan (70%)

 Magenta (79%)

 Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D3564 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 4D3564 by changing the saturation by 10% instead.

■ 4D3564

■ 4D3564

FFFFFF

■ 351F4C

■ 7F6497

■ 1F0A35

■ 997DB2

■ 00001F

■ B597CE

■ 000003

■ D0B2EA

■ 000000

■ EDCEFF

■ FFEAFF

■ 4D3564

■ 4D3564

■ 482B64

■ 523F64

■ 432164

■ 574964

■ 3E1764

■ 5C5364

■ 390D64

■ 615D64

■ 350364

■ 656764

■ 330064

■ 6A7164

■ 6F7B64

■ 748564

■ 798F64

Harmonies

Analogous

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



223F6F



4D3564



642C4F

Triad

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



4D3564



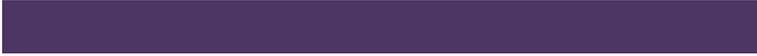
59390F



004B49

Complementary

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



4D3564



4C6435

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.



004A2F



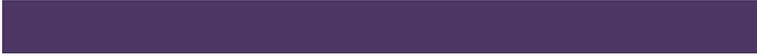
4D3564



43410B

Square

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



4D3564



672F20



294719



004A5F

Rectangle

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



4D3564



6B293F



294719



004B40

Sweetspot

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



4D3564



797082



354D64



3D3742



C2C2C2



424242

Same Dimension

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



4D3564



5E3982



643564



312E33



3B0073



7C00F2

Inverse Universe

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



64354C



82395D



356435



332E30



730038



F20077

Previews

White Background



This preview shows how the Hex color 4D3564 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

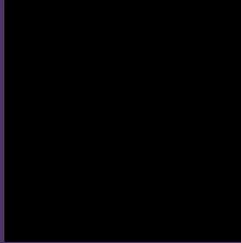
Any Text WCAG AA × Fail

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 4D3564 Background



This preview shows how black text looks on a background with the Hex color 4D3564.



This preview shows how white text looks on a background with the Hex color 4D3564.

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
4D3564

Protanopia
2C3E6C

Deuteranopia
2F4062



Tritanopia
473D42

Trichromacy



Original Color
4D3564

Protanomaly
383B69

Deuteranomaly
3A3C63

Tritanomaly
493A4E

Monochromacy



Original Color
4D3564

Achromatopsia
424242

Achromatomaly
463D4E

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D3564 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 #4D3564 looks like.

```
.text, #text, p{  
    color:#4D3564  
}
```

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 #4D3564 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D3564
}
```

Border

The CSS property to change the border of an element to Hex 4D3564 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
#4D3564 }
```

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

```
.border{ border-color:#4D3564 }
```

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

Here you see how a box with a 4 pixel #4D3564 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D3564; -webkit-box-shadow:4px 4px  
4px 4px #4D3564; box-shadow:4px 4px 4px  
4px #4D3564 }
```

Background

The CSS property to change the background color of an element to Hex 4D3564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D3564 }
```

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

```
.background{ background-color:#4D3564 }
```

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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