

Converting Colors

Hex(5D4266)

Have a look what the booklet for
Hex(5D4266) contains.

Hex(5D4266)	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(5D4266)

Conversions

Conversions Part 1

Format	Color
Hex	5D4266
RGB	93, 66, 102
RGB Percent	36%, 26%, 40%
CMY	0.6353, 0.7412, 0.6000
CMYK	0.09, 0.35, 0.00, 0.60
HSL	285°, 21%, 33%
HSV	285°, 35%, 40%
XYZ	8.8607, 7.1829, 13.4898
YIQ	78.1770, 4.5360, 16.9200

Conversions

Conversions Part 2

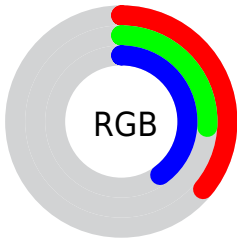
Format	Color
R_{YB}	93, 66, 102
Decimal	6111846
CIE Lab	32.22, 18.87, -16.57
CIE LCh	32, 25.111, 318.721
Yxy	7.1829, 0.3000, 0.2432
Android (android.graphics.Color)	4284301926 (0xFF5D4266)
YUV	78.1770, 11.7447, 12.9998
Hunter-Lab	26.8009, 12.1125, -11.0820

Details

The Hex color **5D4266** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4B6642**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **907299**, and **2E1637** is the 20% darker color. If you saturate the color by 10%, you get **5A3866**, and if you desaturate by 10%, it is **604C66**.

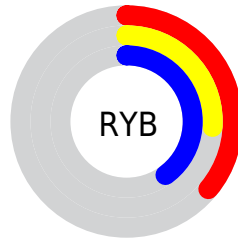
Distribution



Red (36%)

Green (26%)

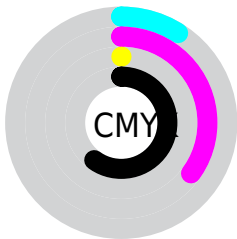
Blue (40%)



Red (36%)

Yellow (26%)

Blue (40%)

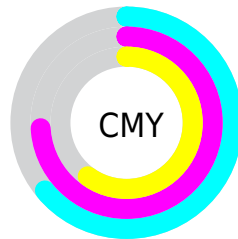


Cyan (9%)

Magenta (35%)

Yellow (0%)

Black (60%)



Cyan (64%)

Magenta (74%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D4266 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 5D4266 by changing the saturation by 10% instead.

■ 5D4266

■ 5D4266

FFFFFF

■ 452B4E

■ 907299

■ 2E1637

■ AB8CB4

■ 1B0022

■ C6A6D0

■ 000008

■ E2C2EC

■ 000000

■ FFDEFF

■ FFFAFF

■ 5D4266

■ 5D4266

■ 5A3866

■ 604C66

■ 582E66

■ 625666

■ 552366

■ 656166

■ 531966

■ 676B66

■ 500F66

■ 6A7566

■ 4E0566

■ 6C7F66

■ 4D0066

■ 6F8966

■ 719466

■ 749E66

Harmonies

Analogous

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



424971



5D4266



6D3D54

Triad

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



5D4266



5F4825



005658

Complementary

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



5D4266



4B6642

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.



175643



5D4266



4C4E25

Square

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



5D4266



6C412F



355331



005469

Rectangle

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



5D4266



713C47



355331



005651

Sweetspot

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



5D4266



817685



424B66



403A42



C2C2C2



424242

Same Dimension

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



5D4266



774D85



66425D



322E33



560073



B600F2

Inverse Universe

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



66424B



854D5B



42664B



332E2F



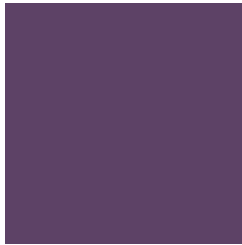
73001D



F2003D

Previews

White Background



This preview shows how the Hex color 5D4266 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

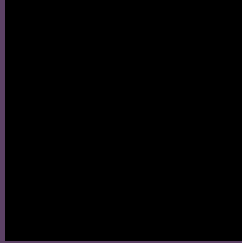
Any Text WCAG AA × Fail

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 5D4266 Background



This preview shows how black text looks on a background with the Hex color 5D4266.



This preview shows how white text looks on a background with the Hex color 5D4266.

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
5D4266

Protanopia
414B6D

Deuteranopia
464B64



Tritanopia
59474D

Trichromacy



Original Color
5D4266

Protanomaly
4B486A

Deuteranomaly
4E4865

Tritanomaly
5A4556

Monochromacy



Original Color
5D4266

Achromatopsia
4E4E4E

Achromatomaly
534A57

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D4266 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 #5D4266 looks like.

```
.text, #text, p{  
    color:#5D4266  
}
```

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 #5D4266 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D4266
}
```

Border

The CSS property to change the border of an element to Hex 5D4266 is called "border". The border property can be set on classes, ids or directly on the HTML element.

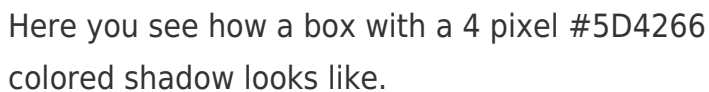
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5D4266 }
```

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

```
.border{ border-color:#5D4266 }
```

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



Here you see how a box with a 4 pixel #5D4266 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D4266; -webkit-box-shadow:4px 4px  
4px 4px #5D4266; box-shadow:4px 4px 4px  
4px #5D4266 }
```

Background

The CSS property to change the background color of an element to Hex 5D4266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D4266 }
```

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

```
.background{ background-color:#5D4266 }
```

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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