

Converting Colors

Hex(523364)

Have a look what the booklet for
Hex(523364) contains.

Hex(523364)	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(523364)

Conversions

Conversions Part 1

Format	Color
Hex	523364
RGB	82, 51, 100
RGB Percent	32%, 20%, 39%
CMY	0.6784, 0.8000, 0.6078
CMYK	0.18, 0.49, 0.00, 0.61
HSL	278°, 32%, 30%
HSV	278°, 49%, 39%
XYZ	6.9638, 5.0816, 12.6704
YIQ	65.8550, 2.7470, 21.8110

Conversions

Conversions Part 2

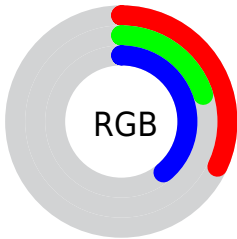
Format	Color
R_{YB}	82, 51, 100
Decimal	5387108
CIE _{Lab}	26.97, 24.02, -23.56
CIE _{LCh}	27, 33.650, 315.553
Yxy	5.0816, 0.2818, 0.2056
Android (android.graphics.Color)	4283577188 (0xFF523364)
YUV	65.8550, 16.8335, 14.1592
Hunter-Lab	22.5424, 15.6927, -17.5455

Details

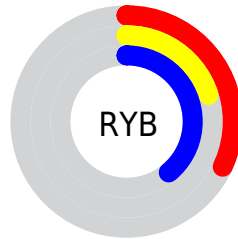
The Hex color **523364** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **456433**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **856297**, and **230735** is the 20% darker color. If you saturate the color by 10%, you get **4E2964**, and if you desaturate by 10%, it is **563D64**.

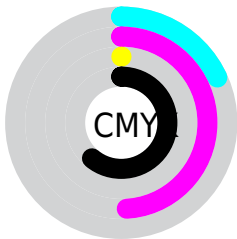
Distribution



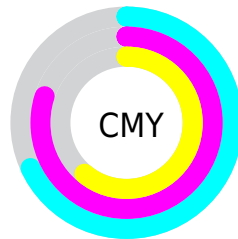
- Red (32%)
- Green (20%)
- Blue (39%)



- Red (32%)
- Yellow (20%)
- Blue (39%)



- Cyan (18%)
- Magenta (49%)
- Yellow (0%)
- Black (61%)



- Cyan (68%)
- Magenta (80%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 523364 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 523364 by changing the saturation by 10% instead.

■ 523364

■ 523364

FFFFFF

■ 3A1D4C

■ 856297

■ 230735

■ 9F7CB2

■ 070020

■ BA96CE

■ 000003

■ D6B0EA

■ 000000

■ F3CCFF

■ FFE8FF

■ 523364

■ 523364

■ 4E2964

■ 563D64

■ 4B1F64

■ 594764

■ 471564

■ 5D5164

■ 430B64

■ 615B64

■ 400164

■ 646564

■ 3F0064

■ 686F64

■ 6C7964

■ 6F8364

■ 738D64

Harmonies

Analogous

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



273E71



523364



68294D

Triad

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



523364



573A0A



004C4D

Complementary

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



523364



456433

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.



004B32



523364



404308

Square

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



523364



68301C



224819



004B64

Rectangle

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



523364



6E273C



224819



004C44

Sweetspot

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



523364



7B6F82



334664



3E3642



C2C2C2



424242

Same Dimension

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



523364



663582



64335E



312E33



490073



9900F2

Inverse Universe

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



643345



823552



336439



332E30



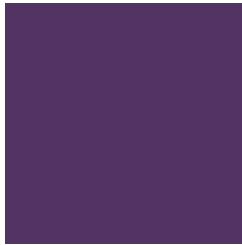
73002A



F20059

Previews

White Background



This preview shows how the Hex color 523364 looks on a white background.

Color Contrast Check

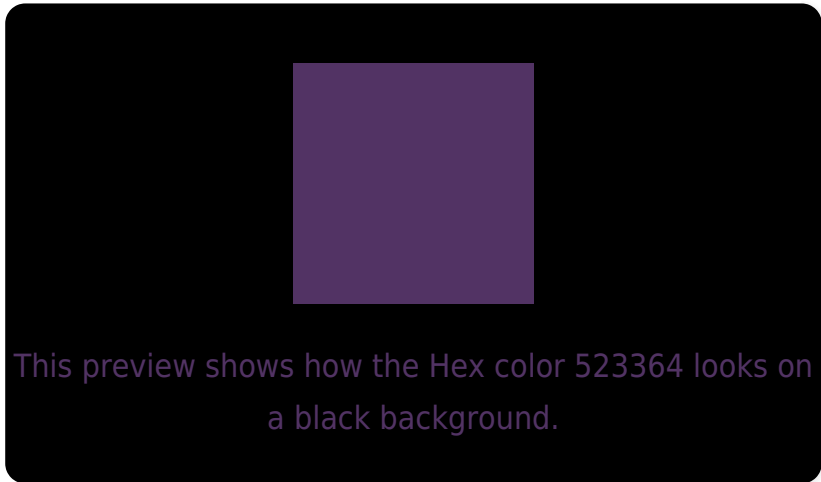
Large Text (above 18pt) WCAG AA ✓ Pass

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

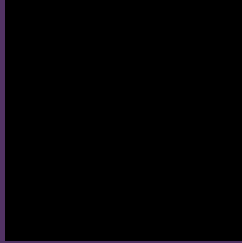
Any Text WCAG AA × Fail

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 523364 Background



This preview shows how black text looks on a background with the Hex color 523364.



This preview shows how white text looks on a background with the Hex color 523364.

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
523364

Protanopia
2B3F6F

Deuteranopia
304061



Tritanopia
4C3C40

Trichromacy



Original Color
523364

Protanomaly
393B6B

Deuteranomaly
3C3B62

Tritanomaly
4E394D

Monochromacy



Original Color
523364

Achromatopsia
424242

Achromatomaly
483D4E

CSS Examples

Text

The CSS property to change the color of the text to Hex 523364 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 #523364 looks like.

```
.text, #text, p{  
    color:#523364  
}
```

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 #523364 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #523364
}
```

Border

The CSS property to change the border of an element to Hex 523364 is called "border". The border property can be set on classes, ids or directly on the HTML element.

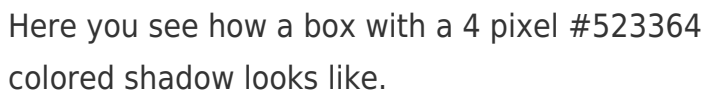
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#523364 }
```

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

```
.border{ border-color:#523364 }
```

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



Here you see how a box with a 4 pixel #523364 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #523364; -webkit-box-shadow:4px 4px  
4px 4px #523364; box-shadow:4px 4px 4px  
4px #523364 }
```

Background

The CSS property to change the background color of an element to Hex 523364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#523364 }
```

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

```
.background{ background-color:#523364 }
```

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