

Converting Colors

Hex(65344D)

Have a look what the booklet for
Hex(65344D) contains.

Hex(65344D)	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(65344D)

Conversions

Conversions Part 1

Format	Color
Hex	65344D
RGB	101, 52, 77
RGB Percent	40%, 20%, 30%
CMY	0.6039, 0.7961, 0.6980
CMYK	0.00, 0.49, 0.24, 0.60
HSL	329°, 32%, 30%
HSV	329°, 49%, 40%
XYZ	7.9344, 5.7585, 7.7145
YIQ	69.5010, 21.1790, 18.1630

Conversions

Conversions Part 2

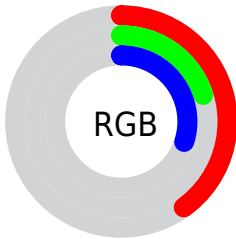
Format	Color
R_{YB}	101, 52, 77
Decimal	6632525
CIE Lab	28.79, 25.44, -5.53
CIE LCh	29, 26.034, 347.745
Yxy	5.7585, 0.3706, 0.2690
Android (android.graphics.Color)	4284822605 (0xFF65344D)
YUV	69.5010, 3.6970, 27.6246
Hunter-Lab	23.9969, 17.0250, -2.2627

Details

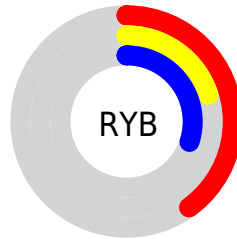
The Hex color **65344D** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **34654C**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **99647E**, and **340621** is the 20% darker color. If you saturate the color by 10%, you get **652A48**, and if you desaturate by 10%, it is **653E52**.

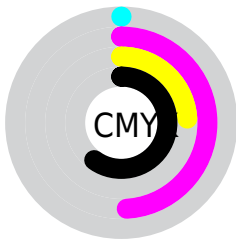
Distribution



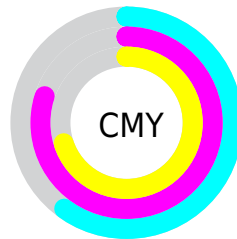
- Red (40%)
- Green (20%)
- Blue (30%)



- Red (40%)
- Yellow (20%)
- Blue (30%)



- Cyan (0%)
- Magenta (49%)
- Yellow (24%)
- Black (60%)



- Cyan (60%)
- Magenta (80%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 65344D 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 65344D by changing the saturation by 10% instead.



65344D



65344D

FFFFFF



4C1D36



99647E



340621



B57D98



200009



D198B3



000000



EDB3CE



FFCEEA



FFE8FF



65344D



65344D



652A48



653E52

652043

654857

65163E

65525C

650C39

655C61

650234

656766

650034

65716B

657B70

658575

658F7A

Harmonies

Analogous

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



543A5F



65344D



6A3339

Triad

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



65344D



44461C



004C61

Complementary

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



65344D



34654C

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.



004E4F



65344D



2D4B28

Square

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



65344D



57401C



084E3B



02486B

Rectangle

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



65344D



67362C



084E3B



004D5C

Sweetspot

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



65344D



826F78



4C3465



42363C



C2C2C2



424242

Same Dimension

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



65344D



82375D



653435



332E31



73003B



F2007C

Inverse Universe

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



65344D



82375D



346564



332E31



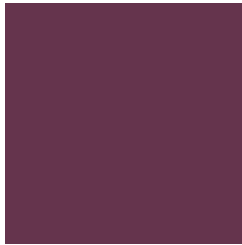
73003B



F2007C

Previews

White Background



This preview shows how the Hex color 65344D looks on a white background.

Color Contrast Check

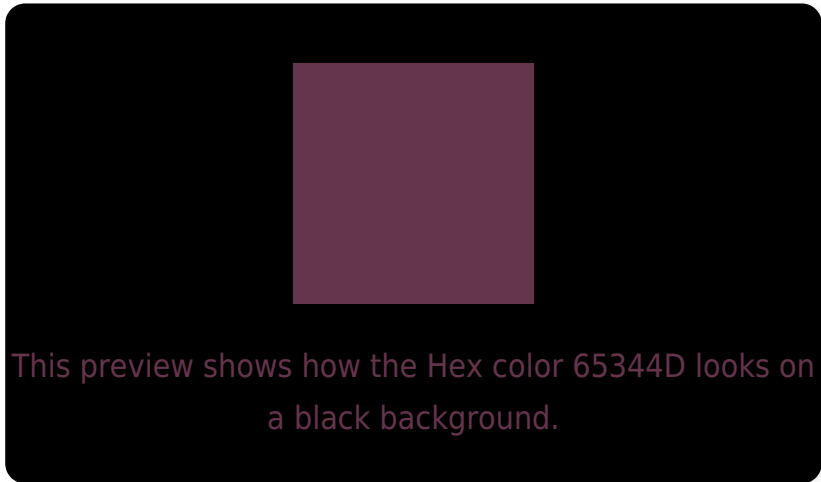
Large Text (above 18pt) WCAG AA ✓ Pass

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

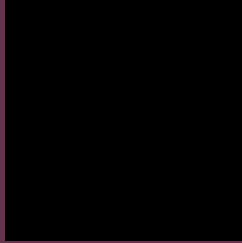
Any Text WCAG AA × Fail

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 65344D Background



This preview shows how black text looks on a background with the Hex color 65344D.



This preview shows how white text looks on a background with the Hex color 65344D.

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
65344D

Protanopia
3F4458

Deuteranopia
48434B



Tritanopia
63373C

Trichromacy



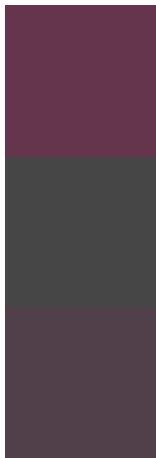
Original Color
65344D

Protanomaly
4D3E54

Deuteranomaly
533E4C

Tritanomaly
643642

Monochromacy



Original Color
65344D

Achromatopsia
464646

Achromatomaly
513F49

CSS Examples

Text

The CSS property to change the color of the text to Hex 65344D 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 #65344D looks like.

```
.text, #text, p{  
    color:#65344D  
}
```

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 #65344D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65344D
}
```

Border

The CSS property to change the border of an element to Hex 65344D is called "border". The border property can be set on classes, ids or directly on the HTML element.

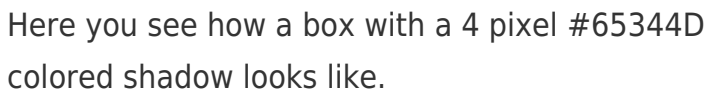
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#65344D }
```

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

```
.border{ border-color:#65344D }
```

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



Here you see how a box with a 4 pixel #65344D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65344D; -webkit-box-shadow:4px 4px  
4px 4px #65344D; box-shadow:4px 4px 4px  
4px #65344D }
```

Background

The CSS property to change the background color of an element to Hex 65344D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65344D }
```

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

```
.background{ background-color:#65344D }
```

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