

Converting Colors

Hex(644A63)

Have a look what the booklet for
Hex(644A63) contains.

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Color

Hex(644A63)

Conversions

Conversions Part 1

Format	Color
Hex	644A63
RGB	100, 74, 99
RGB Percent	39%, 29%, 39%
CMY	0.6078, 0.7098, 0.6118
CMYK	0.00, 0.26, 0.01, 0.61
HSL	302°, 15%, 34%
HSV	302°, 26%, 39%
XYZ	9.9564, 8.5077, 12.9218
YIQ	84.6240, 7.4710, 13.2870

Conversions

Conversions Part 2

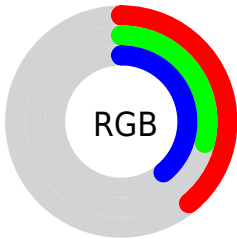
Format	Color
R_{YB}	100, 74, 99
Decimal	6572643
CIE _{Lab}	35.02, 15.79, -10.32
CIE _{LCh}	35, 18.865, 326.832
Yxy	8.5077, 0.3172, 0.2711
Android (android.graphics.Color)	4284762723 (0xFF644A63)
YUV	84.6240, 7.0874, 13.4848
Hunter-Lab	29.1680, 9.8865, -5.8485

Details

The Hex color **644A63** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4A644B**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **977B96**, and **351E34** is the 20% darker color. If you saturate the color by 10%, you get **644063**, and if you desaturate by 10%, it is **645463**.

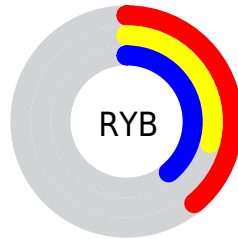
Distribution



Red (39%)

Green (29%)

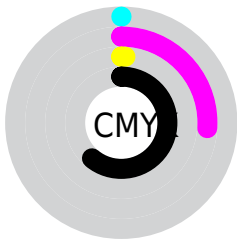
Blue (39%)



Red (39%)

Yellow (29%)

Blue (39%)

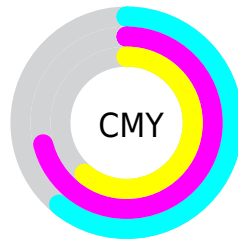


Cyan (0%)

Magenta (26%)

Yellow (1%)

Black (61%)



Cyan (61%)

Magenta (71%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 644A63 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 644A63 by changing the saturation by 10% instead.

644A63

644A63

FFFFFF

4C334B

977B96

351E34

B295B0

20071F

CEB0CC

000004

EACBE8

000000

FFE7FF

644A63

644A63

644063

645463

643662

645E64

642C62

646864

642261

647265

641861

647C65

640E61

648665

640460

649066

640060

649A66

64A466

Harmonies

Analogous

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



524F6D



644A63



6E4755

Triad

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



644A63



5E5134



205A5F

Complementary

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



644A63



4A644B

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.



2C5A50



644A63



4F5637

Square

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



644A63



6A4C3A



3D5941



27586B

Rectangle

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



644A63



70474A



3D5941



235B5B

Sweetspot

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



644A63



827882



4B4A64



423C42



C2C2C2



424242

Same Dimension

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



644A63



825A80



644A56



332E33



73006E



F200E9

Inverse Universe

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



644A63



825A80



4A6458



332E33



73006E



F200E9

Previews

White Background



This preview shows how the Hex color 644A63 looks on a white background.

Color Contrast Check

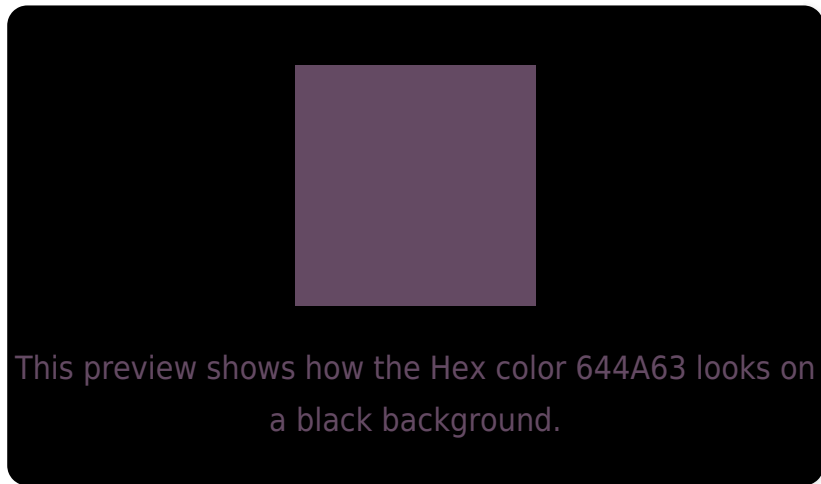
Large Text (above 18pt) WCAG AA ✓ Pass

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

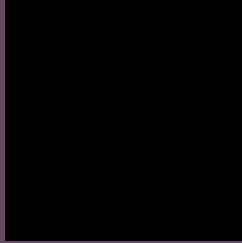
Any Text WCAG AA × Fail

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 644A63 Background



This preview shows how black text looks on a background with the Hex color 644A63.



This preview shows how white text looks on a background with the Hex color 644A63.

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
644A63

Protanopia
4D5268

Deuteranopia
535162



Tritanopia
624D53

Trichromacy



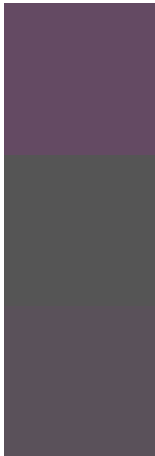
Original Color
644A63

Protanomaly
554F66

Deuteranomaly
594E62

Tritanomaly
634C59

Monochromacy



Original Color
644A63

Achromatopsia
555555

Achromatomaly
5A515A

CSS Examples

Text

The CSS property to change the color of the text to Hex 644A63 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 #644A63 looks like.

```
.text, #text, p{  
    color:#644A63  
}
```

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 #644A63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #644A63
}
```

Border

The CSS property to change the border of an element to Hex 644A63 is called "border". The border property can be set on classes, ids or directly on the HTML element.

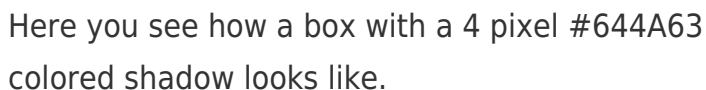
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#644A63 }
```

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

```
.border{ border-color:#644A63 }
```

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



Here you see how a box with a 4 pixel #644A63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #644A63; -webkit-box-shadow:4px 4px  
4px 4px #644A63; box-shadow:4px 4px 4px  
4px #644A63 }
```

Background

The CSS property to change the background color of an element to Hex 644A63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#644A63 }
```

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

```
.background{ background-color:#644A63 }
```

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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