

Converting Colors

Hex(643468)

Have a look what the booklet for
Hex(643468) contains.

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Color

Hex(643468)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 643468 |
| RGB | 100, 52, 104 |
| RGB Percent | 39%, 20%, 41% |
| CMY | 0.6078, 0.7961, 0.5922 |
| CMYK | 0.04, 0.50, 0.00, 0.59 |
| HSL | 295°, 33%, 31% |
| HSV | 295°, 50%, 41% |
| XYZ | 8.9822, 6.1648, 13.8132 |
| YIQ | 72.2800, 11.9160, 26.3480 |

Conversions

Conversions Part 2

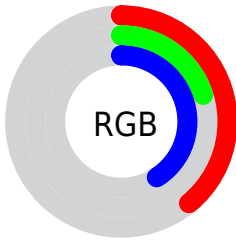
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 100, 52, 104 |
| Decimal | 6567016 |
| CIE _{Lab} | 29.82, 30.23, -21.49 |
| CIE _{LCh} | 30, 37.086, 324.593 |
| Yxy | 6.1648, 0.3102, 0.2129 |
| Android (android.graphics.Color) | 4284757096 (0xFF643468) |
| YUV | 72.2800, 15.6380, 24.3104 |
| Hunter-Lab | 24.8290, 21.1240, -15.6048 |

Details

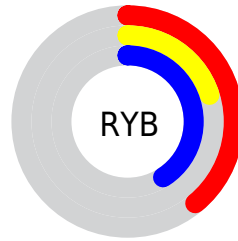
The Hex color **643468** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **386834**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **98649B**, and **330539** is the 20% darker color. If you saturate the color by 10%, you get **632A68**, and if you desaturate by 10%, it is **653E68**.

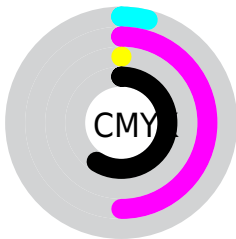
Distribution



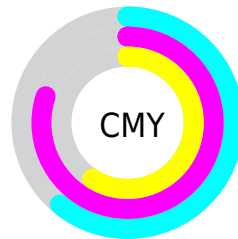
- Red (39%)
- Green (20%)
- Blue (41%)



- Red (39%)
- Yellow (20%)
- Blue (41%)



- Cyan (4%)
- Magenta (50%)
- Yellow (0%)
- Black (59%)



- Cyan (61%)
- Magenta (80%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 643468 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 643468 by changing the saturation by 10% instead.

643468

643468

FFFFFF

4B1D50

98649B

330539

B37EB6

210023

CF98D2

00000A

ECB3EE

000000

FFCFFF

FFECFF

643468

643468

632A68

653E68

621F68

664968

621568

665368

610A68

675E68

600068

686868

697268

6A7D68

6A8768

6B9268

Harmonies

Analogous

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



3D417B



643468



772B4D

Triad

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



643468



594305



00545D

Complementary

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



643468



386834

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.



005340



643468



3E4C0B

Square

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



643468



6E3817



155123



005175

Rectangle

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



643468



7A2B39



155123



005454

Sweetspot

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



643468



867387



343868



443845



C4C4C4



454545

Same Dimension

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



643468



813687



683452



332E33



6A0073



E000F2

Inverse Universe

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



683438



87363C



34684A



332E2E



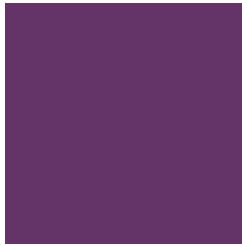
730009



F20013

Previews

White Background



This preview shows how the Hex color 643468 looks on a white background.

Color Contrast Check

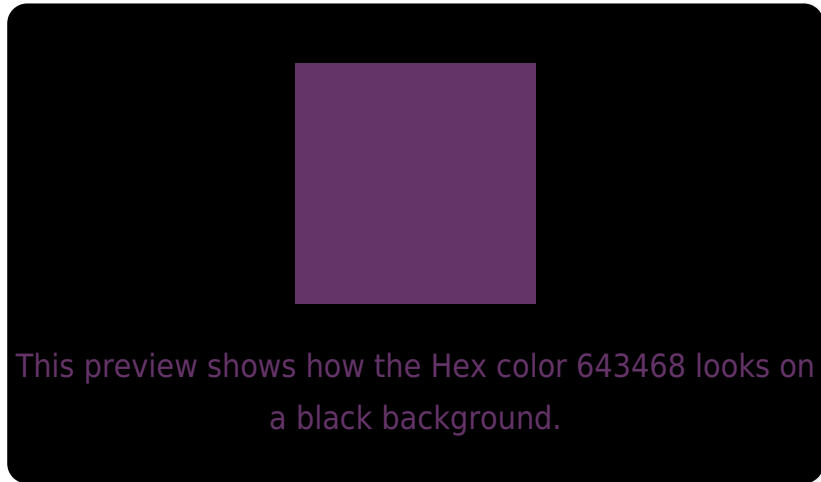
Large Text (above 18pt) WCAG AA ✓ Pass

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

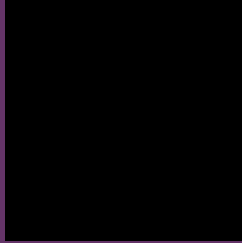
Any Text WCAG AA × Fail

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 643468 Background



This preview shows how black text looks on a background with the Hex color 643468.



This preview shows how white text looks on a background with the Hex color 643468.

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
643468

Protanopia
324577

Deuteranopia
3C4665



Tritanopia
5F3D42

Trichromacy



Original Color
643468

Protanomaly
443F72

Deuteranomaly
4B3F66

Tritanomaly
613A50

Monochromacy



Original Color
643468

Achromatopsia
484848

Achromatomaly
524154

CSS Examples

Text

The CSS property to change the color of the text to Hex 643468 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 #643468 looks like.

```
.text, #text, p{  
    color:#643468  
}
```

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 #643468 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #643468
}
```

Border

The CSS property to change the border of an element to Hex 643468 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
#643468 }
```

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

```
.border{ border-color:#643468 }
```

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

Here you see how a box with a 4 pixel #643468 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #643468; -webkit-box-shadow:4px 4px  
4px 4px #643468; box-shadow:4px 4px 4px  
4px #643468 }
```

Background

The CSS property to change the background color of an element to Hex 643468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#643468 }
```

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

```
.background{ background-color:#643468 }
```

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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