

Converting Colors

Hex(652168)

Have a look what the booklet for
Hex(652168) contains.

| | |
|--|----|
| Hex(652168) | 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(652168)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 652168 |
| RGB | 101, 33, 104 |
| RGB Percent | 40%, 13%, 41% |
| CMY | 0.6039, 0.8706, 0.5922 |
| CMYK | 0.03, 0.68, 0.00, 0.59 |
| HSL | 297°, 52%, 27% |
| HSV | 297°, 68%, 41% |
| XYZ | 8.4094, 4.8539, 13.5904 |
| YIQ | 61.4260, 17.7370, 36.4970 |

Conversions

Conversions Part 2

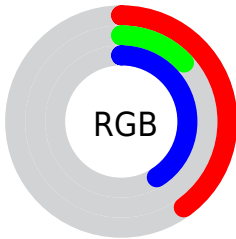
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 101, 33, 104 |
| Decimal | 6627688 |
| CIE Lab | 26.31, 40.41, -27.00 |
| CIE LCh | 26, 48.596, 326.255 |
| Yxy | 4.8539, 0.3132, 0.1808 |
| Android (android.graphics.Color) | 4284817768 (0xFF652168) |
| YUV | 61.4260, 20.9890, 34.7064 |
| Hunter-Lab | 22.0315, 29.5777, -21.1515 |

Details

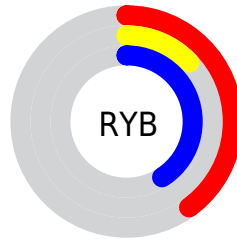
The Hex color **652168** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **246821**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **9A539C**, and **330038** is the 20% darker color. If you saturate the color by 10%, you get **651768**, and if you desaturate by 10%, it is **652B68**.

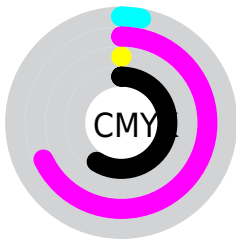
Distribution



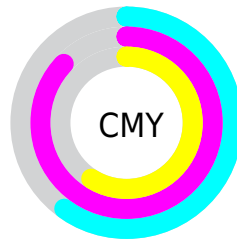
- Red (40%)
- Green (13%)
- Blue (41%)



- Red (40%)
- Yellow (13%)
- Blue (41%)



- Cyan (3%)
- Magenta (68%)
- Yellow (0%)
- Black (59%)



- Cyan (60%)
- Magenta (87%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 652168 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 652168 by changing the saturation by 10% instead.

652168

652168

FFFFFF

4C0350

9A539C

330038

B66DB7

1C0023

D287D2

000008

EFA2EF

000000

FFBEFF

FFDAFF

FFF7FF

652168

652168

■ 651768

■ 652B68

■ 640C68

■ 663668

■ 640268

■ 664068

■ 640068

■ 674B68

■ 675568

■ 685F68

■ 686A68

■ 697468

■ 697F68

Harmonies

Analogous

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



2E3782



652168



7B0945

Triad

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



652168



513B00



004E5E

Complementary

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



652168



246821

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.



004E38



652168



2E4600

Square

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



652168



6C2A00



004B10



004C7C

Rectangle

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



652168



7E0C2C



004B10



004E52

Sweetspot

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



652168



866C87



212568



443445



C4C4C4



454545

Same Dimension

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



652168



821887



682148



332E33



6E0073



E800F2

Inverse Universe

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



682124



87181D



216841



332E2E



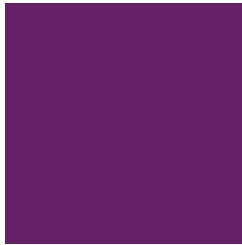
730005



F2000A

Previews

White Background



This preview shows how the Hex color 652168 looks on a white background.

Color Contrast Check

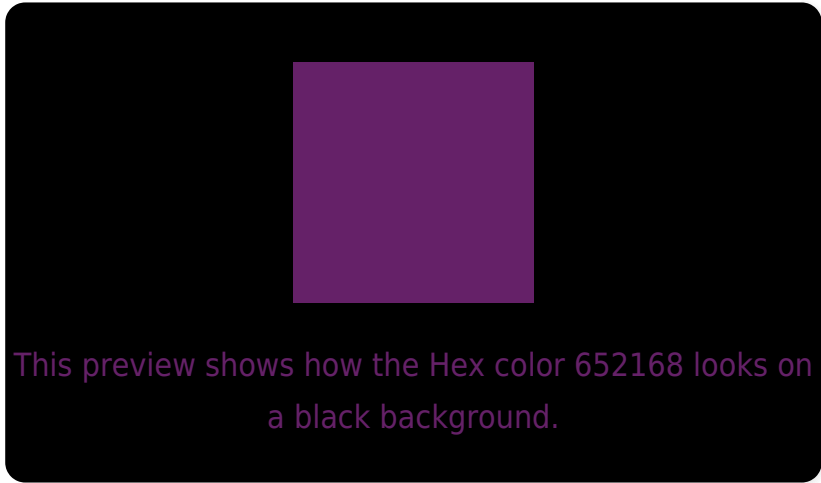
Large Text (above 18pt) WCAG AA ✓ Pass

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

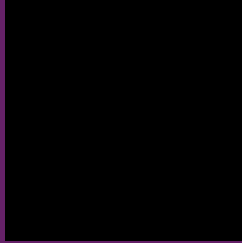
Any Text WCAG AA × Fail

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 652168 Background



This preview shows how black text looks on a background with the Hex color 652168.



This preview shows how white text looks on a background with the Hex color 652168.

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





Tritanopia
5F3235

Trichromacy



Original Color
652168

Protanomaly
253379

Deuteranomaly
413465

Tritanomaly
612C48

Monochromacy



Original Color
652168

Achromatopsia
3D3D3D

Achromatomaly
4C334D

CSS Examples

Text

The CSS property to change the color of the text to Hex 652168 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 #652168 looks like.

```
.text, #text, p{  
    color:#652168  
}
```

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 #652168 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #652168
}
```

Border

The CSS property to change the border of an element to Hex 652168 is called "border". The border property can be set on classes, ids or directly on the HTML element.

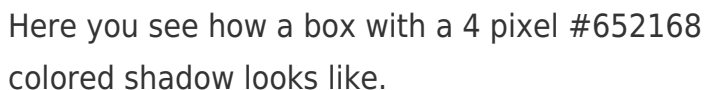
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#652168 }
```

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

```
.border{ border-color:#652168 }
```

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



Here you see how a box with a 4 pixel #652168 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #652168; -webkit-box-shadow:4px 4px  
4px 4px #652168; box-shadow:4px 4px 4px  
4px #652168 }
```

Background

The CSS property to change the background color of an element to Hex 652168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#652168 }
```

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

```
.background{ background-color:#652168 }
```

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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