

Converting Colors

Hex(62468A)

Have a look what the booklet for
Hex(62468A) contains.

Hex(62468A)	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(62468A)

Conversions

Conversions Part 1

Format	Color
Hex	62468A
RGB	98, 70, 138
RGB Percent	38%, 27%, 54%
CMY	0.6157, 0.7255, 0.4588
CMYK	0.29, 0.49, 0.00, 0.46
HSL	265°, 33%, 41%
HSV	265°, 49%, 54%
XYZ	11.8146, 8.8120, 25.1229
YIQ	86.1240, -5.1400, 27.0840

Conversions

Conversions Part 2

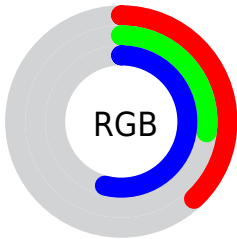
Format	Color
RYB	98, 70, 138
Decimal	6440586
CIELab	35.62, 27.04, -33.67
CIELCh	36, 43.180, 308.764
Yxy	8.8120, 0.2582, 0.1926
Android (android.graphics.Color)	4284630666 (0xFF62468A)
YUV	86.1240, 25.5749, 10.4153
Hunter-Lab	29.6850, 19.0943, -29.3988

Details

The Hex color **62468A** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **6E8A46**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **9777C0**, and **301957** is the 20% darker color. If you saturate the color by 10%, you get **5A388A**, and if you desaturate by 10%, it is **6A548A**.

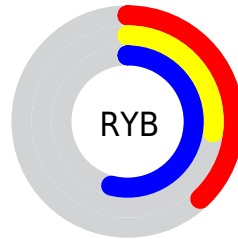
Distribution



Red (38%)

Green (27%)

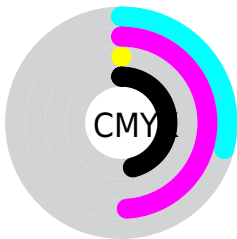
Blue (54%)



Red (38%)

Yellow (27%)

Blue (54%)

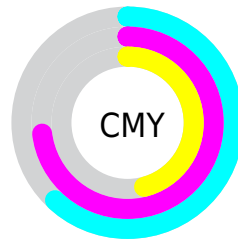


Cyan (29%)

Magenta (49%)

Yellow (0%)

Black (46%)



Cyan (62%)

Magenta (73%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 62468A 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 62468A by changing the saturation by 10% instead.

■ 62468A

■ 62468A

FFFFFF

■ 492F70

■ 9777C0

■ 301957

■ B291DC

■ 180340

■ CEACF9

■ 000029

■ EAC7FF

■ 000113

■ FFE3FF

■ 000000

■ 62468A

■ 62468A

■ 5A388A

■ 6A548A

■ 522A8A

■ 72628A

4A1D8A

7A6F8A

420F8A

827D8A

39018A

8B8B8A

39008A

93998A

9BA78A

A3B48A

ABC28A

Harmonies

Analogous

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



115498



62468A



85376E

Triad

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



62468A



78490E



00645D

Complementary

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



62468A



6E8A46

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.



006239



62468A



5C5502

Square

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



62468A



8C3A2A



365E19



00637E

Rectangle

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



62468A



903157



365E19



006451

Sweetspot

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



62468A



A398B3



466F8A



504959



D9D9D9



595959

Same Dimension

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



62468A



7549B3



83468A



413E45



370085



020005

Inverse Universe

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



8A466E



B34987



4D8A46



453E42



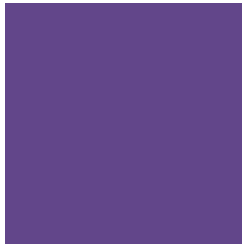
85004E



050003

Previews

White Background



This preview shows how the Hex color 62468A 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

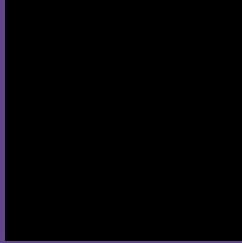
Any Text WCAG AA × Fail

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 62468A Background



This preview shows how black text looks on a background with the Hex color 62468A.



This preview shows how white text looks on a background with the Hex color 62468A.

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
62468A

Protanopia
345295

Deuteranopia
365487



Tritanopia
595258

Trichromacy



Original Color
62468A

Protanomaly
454E91

Deuteranomaly
464F88

Tritanomaly
5C4E6A

Monochromacy



Original Color
62468A

Achromatopsia
565656

Achromatomaly
5A5069

CSS Examples

Text

The CSS property to change the color of the text to Hex 62468A 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 #62468A looks like.

```
.text, #text, p{  
    color:#62468A  
}
```

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 #62468A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62468A
}
```

Border

The CSS property to change the border of an element to Hex 62468A is called "border". The border property can be set on classes, ids or directly on the HTML element.

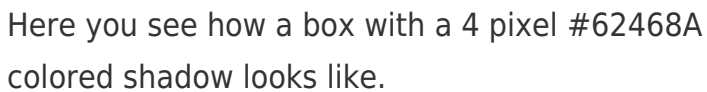
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#62468A }
```

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

```
.border{ border-color:#62468A }
```

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



Here you see how a box with a 4 pixel #62468A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62468A; -webkit-box-shadow:4px 4px  
4px 4px #62468A; box-shadow:4px 4px 4px  
4px #62468A }
```

Background

The CSS property to change the background color of an element to Hex 62468A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62468A }
```

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

```
.background{ background-color:#62468A }
```

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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