

Converting Colors

Hex(662F6A)

Have a look what the booklet for
Hex(662F6A) contains.

Hex(662F6A)	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(662F6A)

Conversions

Conversions Part 1

Format	Color
Hex	662F6A
RGB	102, 47, 106
RGB Percent	40%, 18%, 42%
CMY	0.6000, 0.8157, 0.5843
CMYK	0.04, 0.56, 0.00, 0.58
HSL	296°, 39%, 30%
HSV	296°, 56%, 42%
XYZ	9.0975, 5.8984, 14.2947
YIQ	70.1710, 13.8410, 30.0090

Conversions

Conversions Part 2

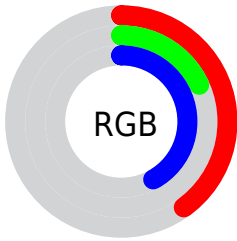
Format	Color
R_{YB}	102, 47, 106
Decimal	6696810
CIE _{Lab}	29.15, 34.08, -23.80
CIE _{LCh}	29, 41.569, 325.080
Yxy	5.8984, 0.3106, 0.2014
Android (android.graphics.Color)	4284886890 (0xFF662F6A)
YUV	70.1710, 17.6637, 27.9140
Hunter-Lab	24.2867, 24.3625, -17.8964




Details

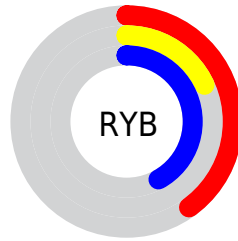
The Hex color **662F6A** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **336A2F**, and the grayscale version is **464646**.




A 20% lighter version of the original color is **9B609E**, and **35003A** is the 20% darker color. If you saturate the color by 10%, you get **65246A**, and if you desaturate by 10%, it is **673A6A**.

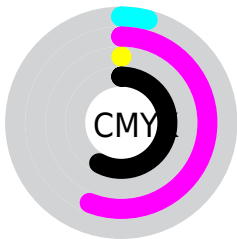
Distribution







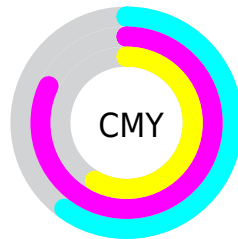
-  Red (40%)
-  Green (18%)
-  Blue (42%)






-  Red (40%)
-  Yellow (18%)
-  Blue (42%)



-  Cyan (4%)
-  Magenta (56%)
-  Yellow (0%)
-  Black (58%)



-  Cyan (60%)
-  Magenta (82%)
-  Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 662F6A 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 662F6A by changing the saturation by 10% instead.

662F6A

662F6A

FFFFFF

4D1752

9B609E

35003A

B679B9

220025

D294D4

00000C

EFAFF1

000000

FFCAFF

FFE7FF

662F6A

662F6A

65246A

673A6A

651A6A

67446A

640F6A

684F6A

63056A

69596A

63006A

6A646A

6A6F6A

6B796A

6C846A

6C8E6A

Harmonies

Analogous

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



393E7F



662F6A



7B234B

Triad

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



662F6A



584100



00535F

Complementary

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



662F6A



336A2F

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.



00533E



662F6A



394B00

Square

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



662F6A



6F340E



02501D



005179

Rectangle

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



662F6A



7E2336



02501D



005355

Sweetspot

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



662F6A



88728A



2F346A



443745



C4C4C4



454545

Same Dimension

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



662F6A



832D8A



6A2F51



353036



6D0075



E400F5

Inverse Universe

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



6A2F33



8A2D34



2F6A48



363031



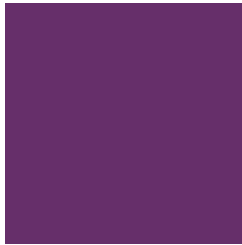
750008



F50011

Previews

White Background



This preview shows how the Hex color 662F6A 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

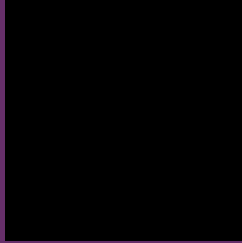
Any Text WCAG AA × Fail

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 662F6A Background



This preview shows how black text looks on a background with the Hex color 662F6A.

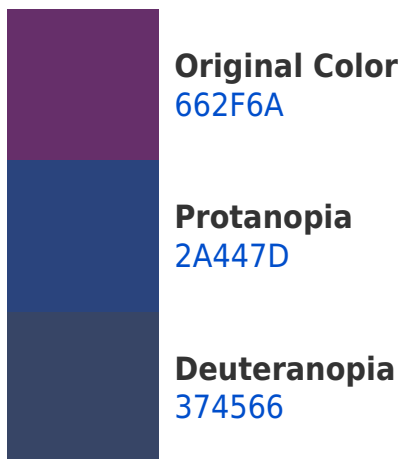


This preview shows how white text looks on a background with the Hex color 662F6A.

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
613A3F

Trichromacy



Original Color
662F6A

Protanomaly
403C76

Deuteranomaly
483D67

Tritanomaly
63364F

Monochromacy



Original Color
662F6A

Achromatopsia
464646

Achromatomaly
523E53

CSS Examples

Text

The CSS property to change the color of the text to Hex 662F6A 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 #662F6A looks like.

```
.text, #text, p{  
    color:#662F6A  
}
```

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 #662F6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #662F6A
}
```

Border

The CSS property to change the border of an element to Hex 662F6A is called "border". The border property can be set on classes, ids or directly on the HTML element.

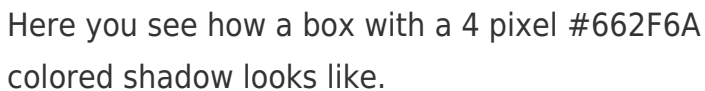
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#662F6A }
```

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

```
.border{ border-color:#662F6A }
```

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



Here you see how a box with a 4 pixel #662F6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #662F6A; -webkit-box-shadow:4px 4px  
4px 4px #662F6A; box-shadow:4px 4px 4px  
4px #662F6A }
```

Background

The CSS property to change the background color of an element to Hex 662F6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#662F6A }
```

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

```
.background{ background-color:#662F6A }
```

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