

Converting Colors

Hex(462954)

Have a look what the booklet for
Hex(462954) contains.

Hex(462954)	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(462954)

Conversions

Conversions Part 1

Format	Color
Hex	462954
RGB	70, 41, 84
RGB Percent	27%, 16%, 33%
CMY	0.7255, 0.8392, 0.6706
CMYK	0.17, 0.51, 0.00, 0.67
HSL	280°, 34%, 25%
HSV	280°, 51%, 33%
XYZ	4.9190, 3.5281, 8.8092
YIQ	54.5730, 3.4810, 19.5210

Conversions

Conversions Part 2

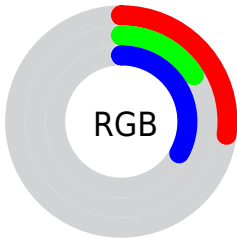
Format	Color
R_{YB}	70, 41, 84
Decimal	4598100
CIE _{Lab}	22.05, 22.34, -20.91
CIE _{LCh}	22, 30.596, 316.900
Yxy	3.5281, 0.2851, 0.2045
Android (android.graphics.Color)	4282788180 (0xFF462954)
YUV	54.5730, 14.5075, 13.5295
Hunter-Lab	18.7831, 13.8754, -14.6586

Details

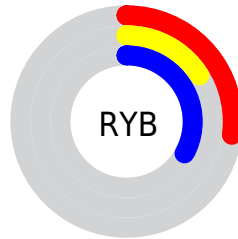
The Hex color **462954** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **375429**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **775786**, and **1C0027** is the 20% darker color. If you saturate the color by 10%, you get **432154**, and if you desaturate by 10%, it is **493154**.

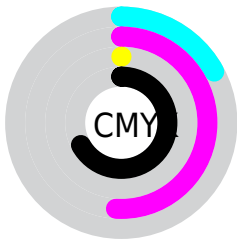
Distribution



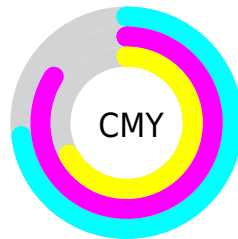
- Red (27%)
- Green (16%)
- Blue (33%)



- Red (27%)
- Yellow (16%)
- Blue (33%)



- Cyan (17%)
- Magenta (51%)
- Yellow (0%)
- Black (67%)



- Cyan (73%)
- Magenta (84%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 462954 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 462954 by changing the saturation by 10% instead.



462954



462954

FFFFFF



2F133D



775786



1C0027



9270A0



000110



AC8ABB



000000



C8A4D7



E4BFF3



FFDBFF



FFF8FF



462954



462954

■ 432154

■ 493154

■ 411854

■ 4B3A54

■ 3E1054

■ 4E4254

■ 3B0754

■ 514B54

■ 390054

■ 545354

■ 565B54

■ 596454

■ 5C6C54

■ 5F7554

Harmonies

Analogous

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



213360



462954



592040

Triad

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



462954



493003



004041

Complementary

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



462954



375429

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.



003F2A



462954



343803

Square

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



462954



572714



193C14



003E55

Rectangle

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



462954



5D1F30



193C14



003F3A

Sweetspot

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



462954



685D6E



293754



352E38



B8B8B8



383838

Same Dimension

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



462954



582B6E



54294D



272529



470069



9C00E8

Inverse Universe

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



542937



6E2B41



295430



292526



690022



E8004C

Previews

White Background



This preview shows how the Hex color 462954 looks on a white background.

Color Contrast Check

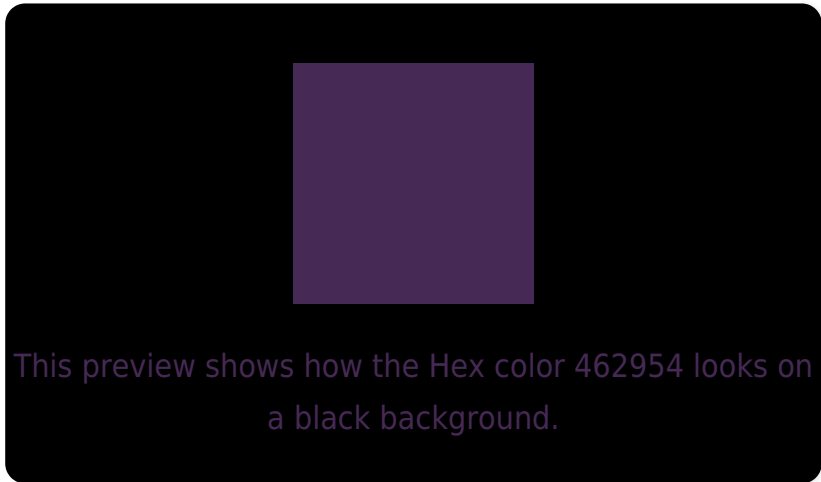
Large Text (above 18pt) WCAG AA ✓ Pass

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

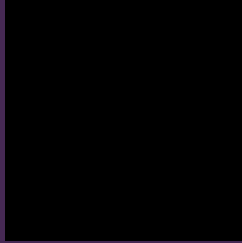
Any Text WCAG AA × Fail

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 462954 Background



This preview shows how black text looks on a background with the Hex color 462954.

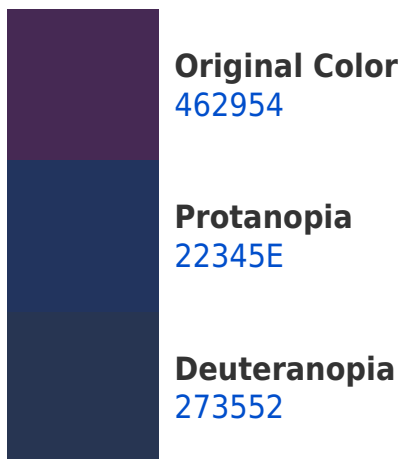


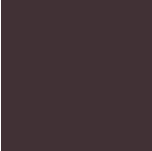
This preview shows how white text looks on a background with the Hex color 462954.

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
413135

Trichromacy



Original Color
462954

Protanomaly
2F305A

Deuteranomaly
323153

Tritanomaly
432E40

Monochromacy



Original Color
462954

Achromatopsia
373737

Achromatomaly
3C3242

CSS Examples

Text

The CSS property to change the color of the text to Hex 462954 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 #462954 looks like.

```
.text, #text, p{  
    color:#462954  
}
```

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 #462954 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #462954
}
```

Border

The CSS property to change the border of an element to Hex 462954 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
#462954 }
```

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

```
.border{ border-color:#462954 }
```

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

Here you see how a box with a 4 pixel #462954 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #462954; -webkit-box-shadow:4px 4px  
4px 4px #462954; box-shadow:4px 4px 4px  
4px #462954 }
```

Background

The CSS property to change the background color of an element to Hex 462954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#462954 }
```

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

```
.background{ background-color:#462954 }
```

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