

Converting Colors

Hex(42662F)

Have a look what the booklet for
Hex(42662F) contains.

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Color

Hex(42662F)

Conversions

Conversions Part 1

Format	Color
Hex	42662F
RGB	66, 102, 47
RGB Percent	26%, 40%, 18%
CMY	0.7412, 0.6000, 0.8157
CMYK	0.35, 0.00, 0.54, 0.60
HSL	99°, 37%, 29%
HSV	99°, 54%, 40%
XYZ	7.5112, 10.8662, 4.3908
YIQ	84.9660, -3.8010, -24.7370

Conversions

Conversions Part 2

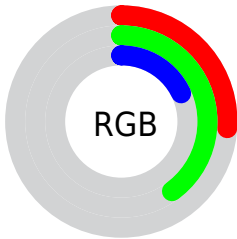
Format	Color
RYB	47, 102, 83
Decimal	4351535
CIELab	39.35, -24.03, 26.85
CIELCh	39, 36.036, 131.823
Yxy	10.8662, 0.3299, 0.4773
Android (android.graphics.Color)	4282541615 (0xFF42662F)
YUV	84.9660, -18.7172, -16.6332
Hunter-Lab	32.9640, -17.0136, 15.1773

Details

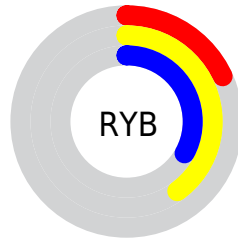
The Hex color **42662F** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **532F66**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **74995E**, and **133700** is the 20% darker color. If you saturate the color by 10%, you get **3B6625**, and if you desaturate by 10%, it is **496639**.

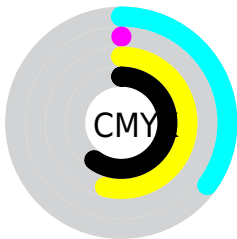
Distribution



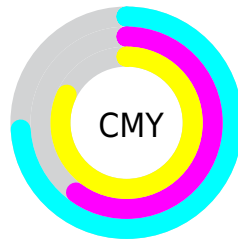
- Red (26%)
- Green (40%)
- Blue (18%)



- Red (18%)
- Yellow (40%)
- Blue (33%)



- Cyan (35%)
- Magenta (0%)
- Yellow (54%)
- Black (60%)



- Cyan (74%)
- Magenta (60%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 42662F 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 42662F by changing the saturation by 10% instead.



42662F



42662F

FFFFFF



2A4E18



74995E



133700



8EB478



002200



A9D092



000000



C5ECAC



E1FFC8



FEF FE4



42662F



42662F



3B6625



496639

■ 35661B

■ 4F6643

■ 2E6610

■ 56664E

■ 276606

■ 5D6658

■ 236600

■ 636662

■ 6A666C

■ 716676

■ 776681

■ 7E668B

Harmonies

Analogous

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



625F20



42662F



096A49

Triad

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



42662F



006594



934352

Complementary

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



42662F



532F66

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.



894670



42662F



3E5C96

Square

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



42662F



006A83



6E5089



8E4A37

Rectangle

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



42662F



006B5E



6E5089



92435C

Sweetspot

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



42662F



77856F



66532F



3A4236



C2C2C2



424242

Same Dimension

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



42662F



4C852E



2F6637



30332E



287300



54F200

Inverse Universe

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



532F66



672E85



662F5E



312E33



4B0073



9F00F2

Previews

White Background



This preview shows how the Hex color 42662F looks on a white background.

Color Contrast Check

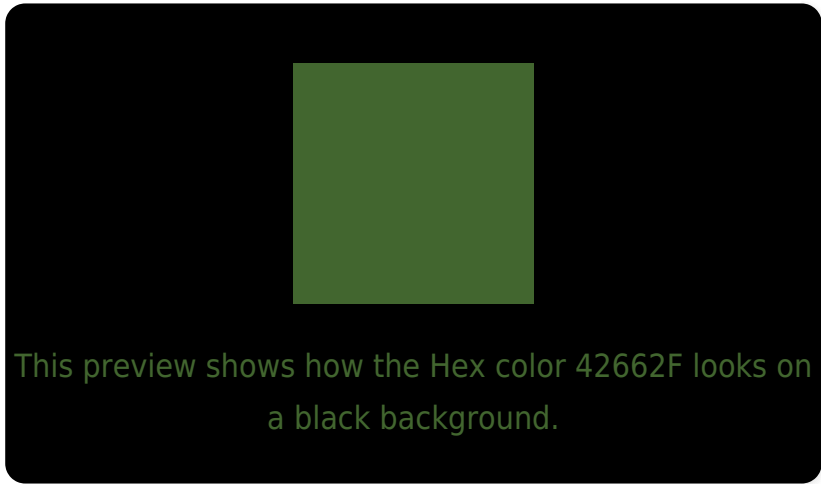
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

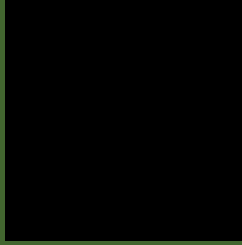
Any Text WCAG AA × Fail

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 42662F Background



This preview shows how black text looks on a background with the Hex color 42662F.



This preview shows how white text looks on a background with the Hex color 42662F.

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
42662F

Protanopia
665D2C

Deuteranopia
715833

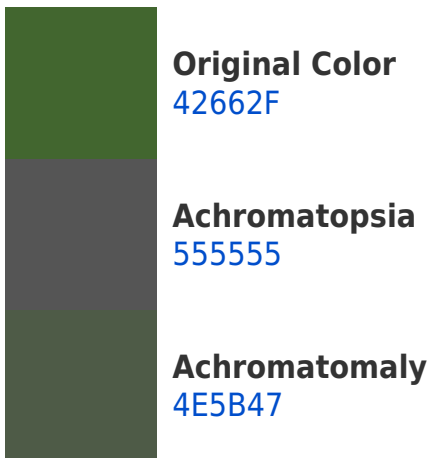


Tritanopia
4B6068

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 42662F 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 #42662F looks like.

```
.text, #text, p{  
    color:#42662F  
}
```

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 #42662F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42662F
}
```

Border

The CSS property to change the border of an element to Hex 42662F 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".

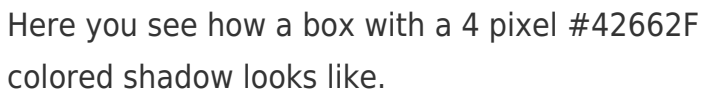
```
.border, #border, table{ border:4px solid
#42662F }
```

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

```
.border{ border-color:#42662F }
```

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

Here you see how a box with a 4 pixel #42662F colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42662F; -webkit-box-shadow:4px 4px  
4px 4px #42662F; box-shadow:4px 4px 4px  
4px #42662F }
```

Background

The CSS property to change the background color of an element to Hex 42662F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42662F }
```

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

```
.background{ background-color:#42662F }
```

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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