

Converting Colors

Hex(2A6738)

Have a look what the booklet for
Hex(2A6738) contains.

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Color

Hex(2A6738)

Conversions

Conversions Part 1

Format	Color
Hex	2A6738
RGB	42, 103, 56
RGB Percent	16%, 40%, 22%
CMY	0.8353, 0.5961, 0.7804
CMYK	0.59, 0.00, 0.46, 0.60
HSL	134°, 42%, 28%
HSV	134°, 59%, 40%
XYZ	6.5189, 10.4783, 5.4203
YIQ	79.4030, -21.2690, -27.5490

Conversions

Conversions Part 2

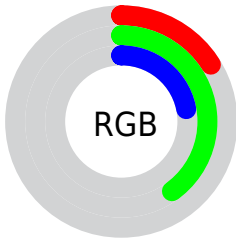
Format	Color
RYB	42, 92, 103
Decimal	2778936
CIELab	38.69, -31.05, 20.72
CIELCh	39, 37.330, 146.293
Yxy	10.4783, 0.2908, 0.4674
Android (android.graphics.Color)	4280969016 (0xFF2A6738)
YUV	79.4030, -11.5377, -32.8024
Hunter-Lab	32.3701, -20.7003, 12.7311

Details

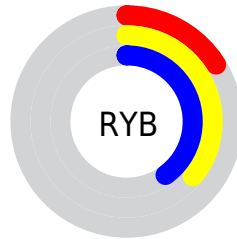
The Hex color **2A6738** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **672A59**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **5D9B68**, and **00370C** is the 20% darker color. If you saturate the color by 10%, you get **206730**, and if you desaturate by 10%, it is **346740**.

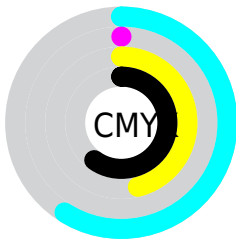
Distribution



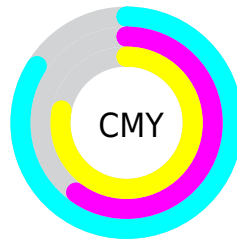
- Red (16%)
- Green (40%)
- Blue (22%)



- Red (16%)
- Yellow (36%)
- Blue (40%)



- Cyan (59%)
- Magenta (0%)
- Yellow (46%)
- Black (60%)



- Cyan (84%)
- Magenta (60%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A6738 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 2A6738 by changing the saturation by 10% instead.



2A6738



2A6738

FFFFFF



0D4F22



5D9B68



00370C



78B681



002300



92D29B



000000



AEEEB6



CAFFD2



E6FFEE



2A6738



2A6738



206730



346740

■ 156728

■ 3F6748

■ 0B6720

■ 496750

■ 016718

■ 536758

■ 006718

■ 5E6760

■ 686768

■ 726770

■ 7C6777

■ 87677F

Harmonies

Analogous

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



516121



2A6738



006A56

Triad

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



2A6738



006097



924342

Complementary

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



2A6738



672A59

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.



904060



2A6738



565592

Square

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



2A6738



00678D



7D487D



864D29

Rectangle

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



2A6738



006A6B



7D487D



93414C

Sweetspot

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



2A6738



6F8774



5A672A



364539



C4C4C4



454545

Same Dimension

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



2A6738



27873D



2A6756



2E332F



00731A



00F238

Inverse Universe

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



672A59



872771



672A3B



332E32



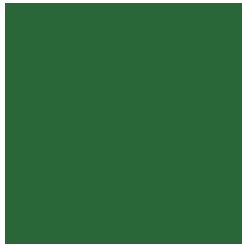
730058



F200BB

Previews

White Background



This preview shows how the Hex color 2A6738 looks on a white background.

Color Contrast Check

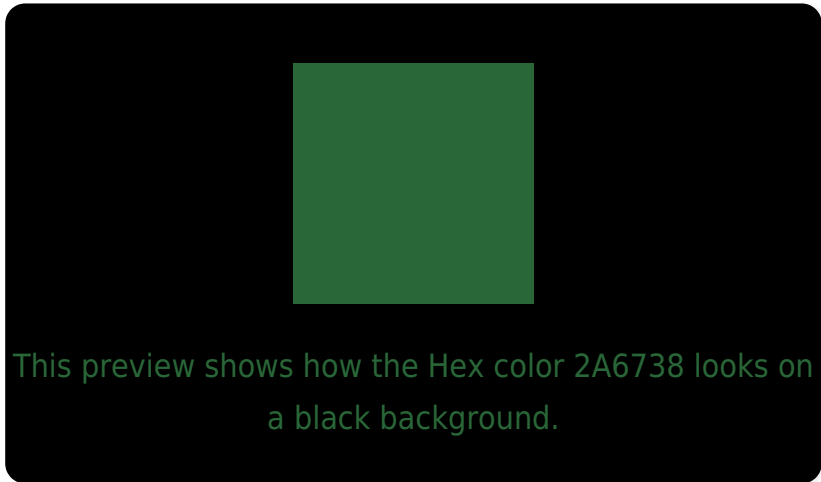
Large Text (above 18pt) WCAG AA ✓ Pass

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 2A6738 Background



This preview shows how black text looks on a background with the Hex color 2A6738.



This preview shows how white text looks on a background with the Hex color 2A6738.

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
2A6738

Protanopia
645B33

Deuteranopia
6D573C



Tritanopia
376169

Trichromacy



Original Color
2A6738

Protanomaly
4F5F35

Deuteranomaly
555D3B

Tritanomaly
326357

Monochromacy



Original Color
2A6738

Achromatopsia
4F4F4F

Achromatomaly
425847

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A6738 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 #2A6738 looks like.

```
.text, #text, p{  
    color:#2A6738  
}
```

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 #2A6738 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A6738
}
```

Border

The CSS property to change the border of an element to Hex 2A6738 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
#2A6738 }
```

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

```
.border{ border-color:#2A6738 }
```

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

Here you see how a box with a 4 pixel #2A6738 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A6738; -webkit-box-shadow:4px 4px  
4px 4px #2A6738; box-shadow:4px 4px 4px  
4px #2A6738 }
```

Background

The CSS property to change the background color of an element to Hex 2A6738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A6738 }
```

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

```
.background{ background-color:#2A6738 }
```

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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