

Converting Colors

Hex(2A6652)

Have a look what the booklet for
Hex(2A6652) contains.

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Color

Hex(2A6652)

Conversions

Conversions Part 1

Format	Color
Hex	2A6652
RGB	42, 102, 82
RGB Percent	16%, 40%, 32%
CMY	0.8353, 0.6000, 0.6784
CMYK	0.59, 0.00, 0.20, 0.60
HSL	160°, 42%, 28%
HSV	160°, 59%, 40%
XYZ	7.2292, 10.6042, 9.6484
YIQ	81.7800, -29.3400, -18.9400

Conversions

Conversions Part 2

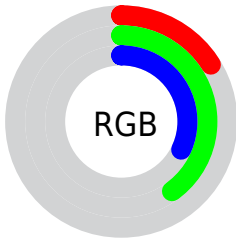
Format	Color
RYB	42, 78, 102
Decimal	2778706
CIELab	38.91, -24.82, 5.50
CIELCh	39, 25.418, 167.504
Yxy	10.6042, 0.2631, 0.3859
Android (android.graphics.Color)	4280968786 (0xFF2A6652)
YUV	81.7800, 0.1085, -34.8871
Hunter-Lab	32.5641, -17.3602, 5.2278

Details

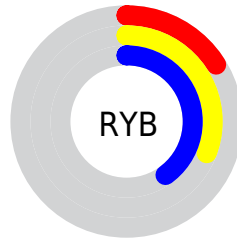
The Hex color **2A6652** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **662A3E**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **5D9983**, and **003625** is the 20% darker color. If you saturate the color by 10%, you get **20664F**, and if you desaturate by 10%, it is **346655**.

Distribution



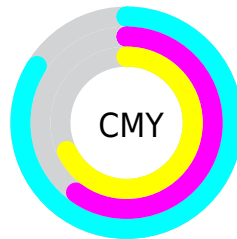
- Red (16%)
- Green (40%)
- Blue (32%)



- Red (16%)
- Yellow (31%)
- Blue (40%)



- Cyan (59%)
- Magenta (0%)
- Yellow (20%)
- Black (60%)



- Cyan (84%)
- Magenta (60%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A6652 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 2A6652 by changing the saturation by 10% instead.



2A6652



2A6652

FFFFFF



0D4E3B



5D9983



003625



77B49D



002211



92D0B8



000000



ADEDD4



C9FFF0



E6FFFF



2A6652



2A6652



20664F



346655

■ 16664B

■ 3E6659

■ 0B6648

■ 49665C

■ 016644

■ 536660

■ 006644

■ 5D6663

■ 676666

■ 71666A

■ 7C666D

■ 866671

Harmonies

Analogous

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



46633F



2A6652



026767

Triad

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



2A6652



515983



7E503E

Complementary

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



2A6652



662A3E

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.



844C50



2A6652



6D5278

Square

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



2A6652



2C6084



7E4C65



715733

Rectangle

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



2A6652



006674



7E4C65



814E44

Sweetspot

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



2A6652



6D857D



3E662A



34423D



C2C2C2



424242

Same Dimension

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



2A6652



268565



2A5C66



2E3331



00734D



00F2A2

Inverse Universe

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



662A3E



852646



66342A



332E30



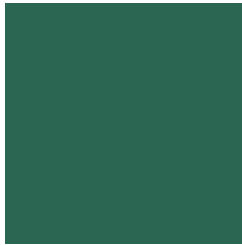
730026



F20051

Previews

White Background



This preview shows how the Hex color 2A6652 looks on a white background.

Color Contrast Check

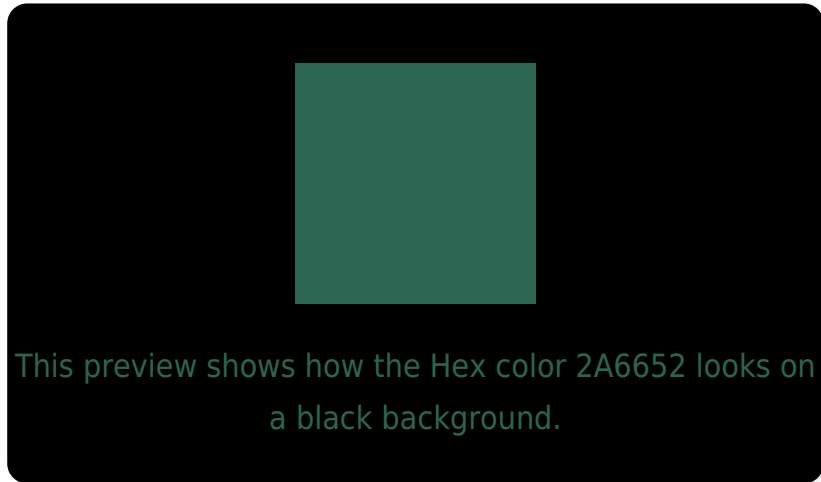
Large Text (above 18pt) WCAG AA ✓ Pass

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

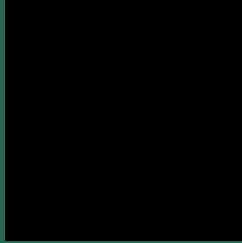
Any Text WCAG AA × Fail

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 2A6652 Background



This preview shows how black text looks on a background with the Hex color 2A6652.



This preview shows how white text looks on a background with the Hex color 2A6652.

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
2A6652

Protanopia
605B4C

Deuteranopia
665855



Tritanopia
32636B

Trichromacy



Original Color
2A6652

Protanomaly
4C5F4E

Deuteranomaly
505D54

Tritanomaly
2F6462

Monochromacy



Original Color
2A6652

Achromatopsia
525252

Achromatomaly
435952

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A6652 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 #2A6652 looks like.

```
.text, #text, p{  
  color:#2A6652  
}
```

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 #2A6652 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A6652
}
```

Border

The CSS property to change the border of an element to Hex 2A6652 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".

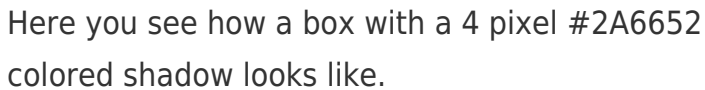
```
.border, #border, table{ border:4px solid
#2A6652 }
```

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

```
.border{ border-color:#2A6652 }
```

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

Here you see how a box with a 4 pixel #2A6652 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A6652; -webkit-box-shadow:4px 4px  
4px 4px #2A6652; box-shadow:4px 4px 4px  
4px #2A6652 }
```

Background

The CSS property to change the background color of an element to Hex 2A6652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A6652 }
```

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

```
.background{ background-color:#2A6652 }
```

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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