

Converting Colors

Hex(2A605A)

Have a look what the booklet for
Hex(2A605A) contains.

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Color

Hex(2A605A)

Conversions

Conversions Part 1

Format	Color
Hex	2A605A
RGB	42, 96, 90
RGB Percent	16%, 38%, 35%
CMY	0.8353, 0.6235, 0.6471
CMYK	0.56, 0.00, 0.06, 0.62
HSL	173°, 39%, 27%
HSV	173°, 56%, 38%
XYZ	6.9832, 9.5962, 11.1571
YIQ	79.1700, -30.2580, -13.3140

Conversions

Conversions Part 2

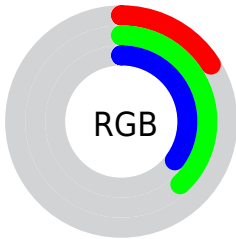
Format	Color
RYB	42, 71, 96
Decimal	2777178
CIELab	37.11, -19.50, -2.02
CIELCh	37, 19.602, 185.928
Yxy	9.5962, 0.2518, 0.3460
Android (android.graphics.Color)	4280967258 (0xFF2A605A)
YUV	79.1700, 5.3392, -32.5981
Hunter-Lab	30.9777, -13.9724, 0.3302

Details

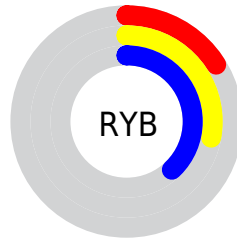
The Hex color **2A605A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **602A30**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **5D938C**, and **00312D** is the 20% darker color. If you saturate the color by 10%, you get **206059**, and if you desaturate by 10%, it is **34605B**.

Distribution



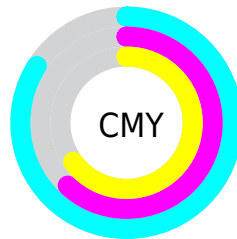
- Red (16%)
- Green (38%)
- Blue (35%)



- Red (16%)
- Yellow (28%)
- Blue (38%)



- Cyan (56%)
- Magenta (0%)
- Yellow (6%)
- Black (62%)



- Cyan (84%)
- Magenta (62%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A605A 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 2A605A by changing the saturation by 10% instead.



2A605A



2A605A

FFFFFF



0E4843



5D938C



00312D



77AEA6



001D18



92C9C1



000000



ADE5DD



C9FFFA



E5FFFF



2A605A



2A605A



206059



34605B

■ 176058

■ 3D605C

■ 0D6057

■ 47605D

■ 046056

■ 50605E

■ 006055

■ 5A605F

■ 646060

■ 6D6061

■ 776063

■ 806064

Harmonies

Analogous

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



3B5F4A



2A605A



235F69

Triad

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



2A605A



5E5271



6D523B

Complementary

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



2A605A



602A30

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.



754D46



2A605A



6E4D64

Square

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



2A605A



475876



764B55



5F5738

Rectangle

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



2A605A



295E71



764B55



71503E

Sweetspot

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



2A605A



687D7B



30602A



33403E



BFBFBF



404040

Same Dimension

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



2A605A



287D74



2A4B60



2C3030



007064



00F0D5

Inverse Universe

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



602A30



7D2831



603F2A



302C2C



70000C



F0001B

Previews

White Background



This preview shows how the Hex color 2A605A looks on a white background.

Color Contrast Check

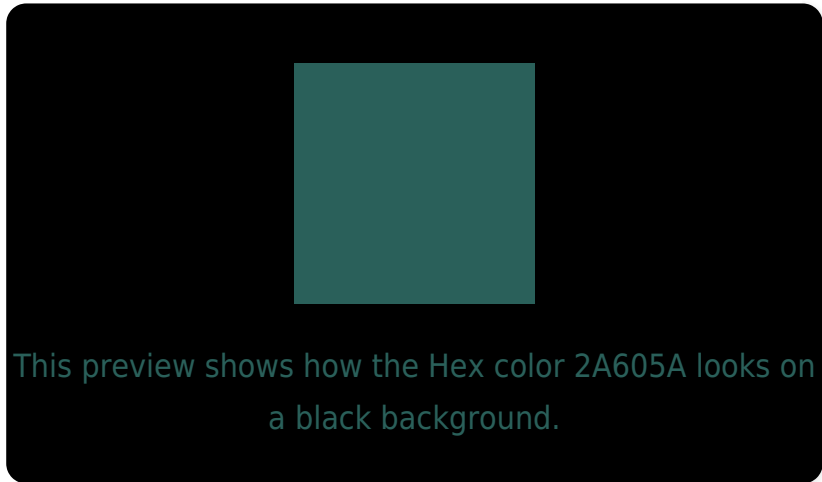
Large Text (above 18pt) WCAG AA ✓ Pass

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

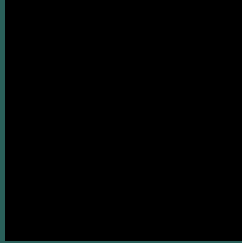
Any Text WCAG AA × Fail

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 2A605A Background



This preview shows how black text looks on a background with the Hex color 2A605A.

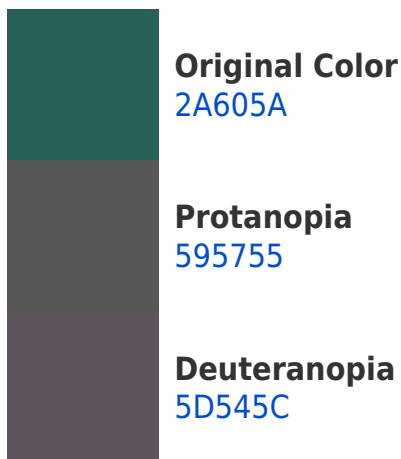



This preview shows how white text looks on a background with the Hex color 2A605A.

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](#).

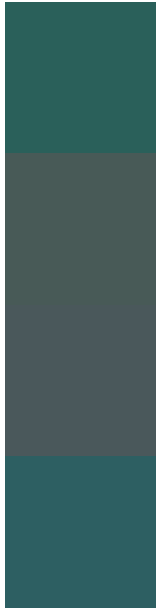
Dichromacy





Tritanopia
2E5E66

Trichromacy



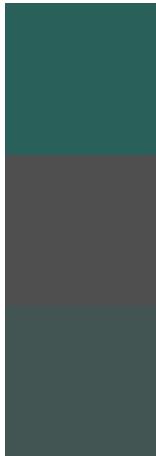
Original Color
2A605A

Protanomaly
485A57

Deuteranomaly
4A585B

Tritanomaly
2D5F62

Monochromacy



Original Color
2A605A

Achromatopsia
4F4F4F

Achromatomaly
425553

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A605A 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 #2A605A looks like.

```
.text, #text, p{  
    color:#2A605A  
}
```

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 #2A605A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A605A
}
```

Border

The CSS property to change the border of an element to Hex 2A605A 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".

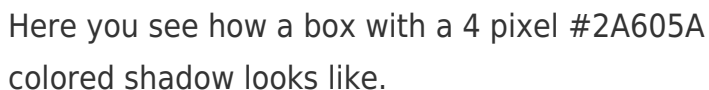
```
.border, #border, table{ border:4px solid
#2A605A }
```

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

```
.border{ border-color:#2A605A }
```

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

Here you see how a box with a 4 pixel #2A605A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A605A; -webkit-box-shadow:4px 4px  
4px 4px #2A605A; box-shadow:4px 4px 4px  
4px #2A605A }
```

Background

The CSS property to change the background color of an element to Hex 2A605A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A605A }
```

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

```
.background{ background-color:#2A605A }
```

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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