

Converting Colors

Hex(2A7265)

Have a look what the booklet for
Hex(2A7265) contains.

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Color

Hex(2A7265)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 2A7265 |
| RGB | 42, 114, 101 |
| RGB Percent | 16%, 45%, 40% |
| CMY | 0.8353, 0.5529, 0.6039 |
| CMYK | 0.63, 0.00, 0.11, 0.55 |
| HSL | 169°, 46%, 31% |
| HSV | 169°, 63%, 45% |
| XYZ | 9.3211, 13.4665, 14.4199 |
| YIQ | 90.9900, -38.7390, -19.3070 |

Conversions

Conversions Part 2

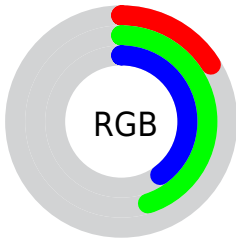
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 42, 82, 114 |
| Decimal | 2781797 |
| CIELab | 43.46, -25.71, 0.57 |
| CIELCh | 43, 25.714, 178.732 |
| Yxy | 13.4665, 0.2505, 0.3619 |
| Android (android.graphics.Color) | 4280971877 (0xFF2A7265) |
| YUV | 90.9900, 4.9349, -42.9642 |
| Hunter-Lab | 36.6967, -18.8793, 2.3897 |




Details

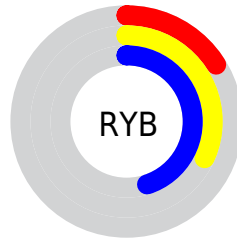
The Hex color **2A7265** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **722A37**, and the grayscale version is **5B5B5B**.




A 20% lighter version of the original color is **60A698**, and **004136** is the 20% darker color. If you saturate the color by 10%, you get **1F7263**, and if you desaturate by 10%, it is **357267**.

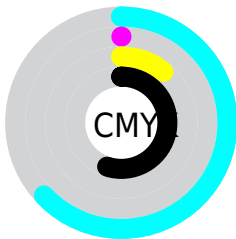
Distribution







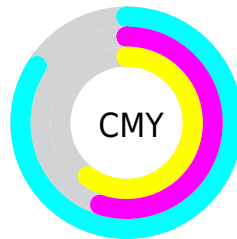
-  Red (16%)
-  Green (45%)
-  Blue (40%)






-  Red (16%)
-  Yellow (32%)
-  Blue (45%)



-  Cyan (63%)
-  Magenta (0%)
-  Yellow (11%)
-  Black (55%)



-  Cyan (84%)
-  Magenta (55%)
-  Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A7265 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 2A7265 by changing the saturation by 10% instead.

 2A7265

 2A7265

FFFFFF

 06594D

 60A698

 004136

 7BC2B3

 002B21

 96DECE

 00150B

 B2FAEA

 000000

 CEFFFF

 EBFFFF

 2A7265

 2A7265

 1F7263

 357267

■ 137261

■ 417269

■ 08725F

■ 4C726B

■ 00725D

■ 58726D

■ 63726F

■ 6E7271

■ 7A7273

■ 857275

■ 917278

Harmonies

Analogous

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



467050



2A7265



0F727A

Triad

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



2A7265



68618C



875E43

Complementary

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



2A7265



722A37

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.



905853



2A7265



815A7D

Square

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



2A7265



466991



8E5668



76653C

Rectangle

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



2A7265



167086



8E5668



8B5B48

Sweetspot

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



2A7265



78948F



37722A



394A47



C9C9C9



4A4A4A

Same Dimension

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



2A7265



239480



2A5B72



323837



007862



00F7CB

Inverse Universe

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



722A37



942338



72412A



383234



780016



F7002D

Previews

White Background



This preview shows how the Hex color 2A7265 looks on a white background.

Color Contrast Check

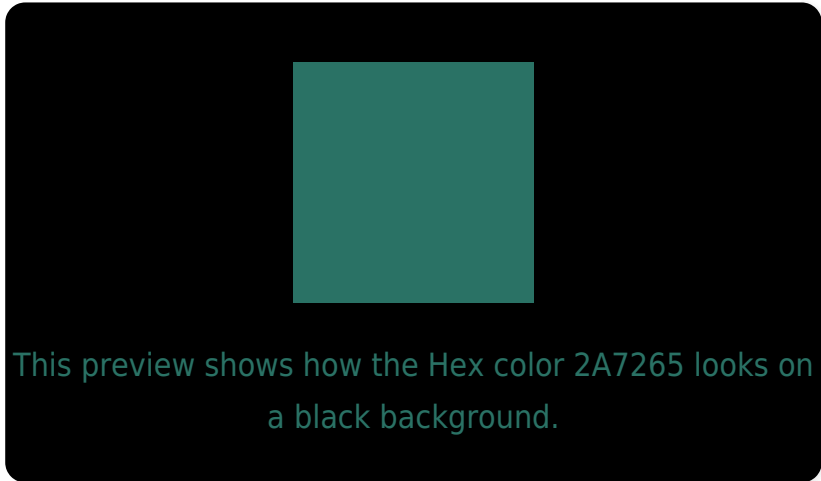
Large Text (above 18pt) WCAG AA ✓ Pass

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

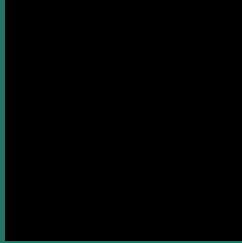
Any Text WCAG AA × Fail

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 2A7265 Background



This preview shows how black text looks on a background with the Hex color 2A7265.



This preview shows how white text looks on a background with the Hex color 2A7265.

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
2A7265

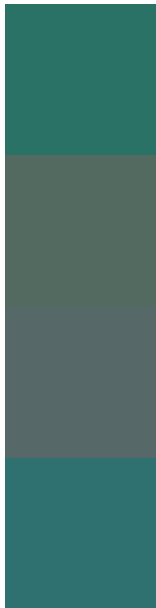
Protanopia
6A665E

Deuteranopia
6F6368



Tritanopia
326F78

Trichromacy



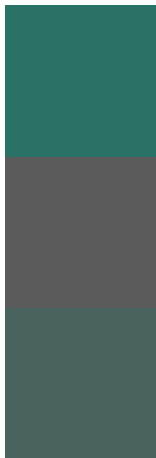
Original Color
2A7265

Protanomaly
536A61

Deuteranomaly
566867

Tritanomaly
2F7071

Monochromacy



Original Color
2A7265

Achromatopsia
5B5B5B

Achromatomaly
49635F

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A7265 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 #2A7265 looks like.

```
.text, #text, p{  
    color:#2A7265  
}
```

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 #2A7265 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A7265
}
```

Border

The CSS property to change the border of an element to Hex 2A7265 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
#2A7265 }
```

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

```
.border{ border-color:#2A7265 }
```

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

Here you see how a box with a 4 pixel #2A7265 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A7265; -webkit-box-shadow:4px 4px  
4px 4px #2A7265; box-shadow:4px 4px 4px  
4px #2A7265 }
```

Background

The CSS property to change the background color of an element to Hex 2A7265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A7265 }
```

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

```
.background{ background-color:#2A7265 }
```

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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