

Converting Colors

Hex(2D7575)

Have a look what the booklet for
Hex(2D7575) contains.

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Color

Hex(2D7575)

Conversions

Conversions Part 1

Format	Color
Hex	2D7575
RGB	45, 117, 117
RGB Percent	18%, 46%, 46%
CMY	0.8235, 0.5412, 0.5412
CMYK	0.62, 0.00, 0.00, 0.54
HSL	180°, 44%, 32%
HSV	180°, 62%, 46%
XYZ	10.6544, 14.5648, 19.0794
YIQ	95.4720, -42.9120, -15.2640

Conversions

Conversions Part 2

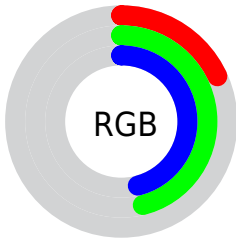
Format	Color
RYB	45, 81, 117
Decimal	2979189
CIELab	45.03, -21.99, -6.69
CIELCh	45, 22.982, 196.922
Yxy	14.5648, 0.2405, 0.3288
Android (android.graphics.Color)	4281169269 (0xFF2D7575)
YUV	95.4720, 10.6133, -44.2639
Hunter-Lab	38.1639, -16.9542, -2.9263




Details

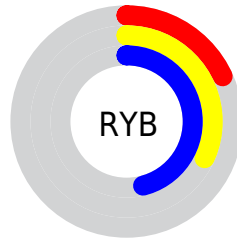
The Hex color **2D7575** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **752D2D**, and the grayscale version is **5F5F5F**.




A 20% lighter version of the original color is **64A9A9**, and **004445** is the 20% darker color. If you saturate the color by 10%, you get **217575**, and if you desaturate by 10%, it is **397575**.

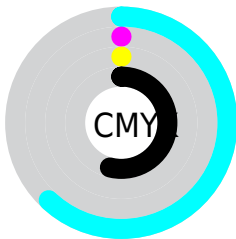
Distribution







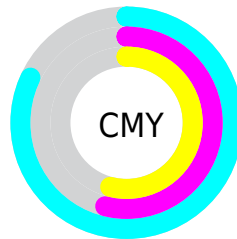
-  Red (18%)
-  Green (46%)
-  Blue (46%)






-  Red (18%)
-  Yellow (32%)
-  Blue (46%)



-  Cyan (62%)
-  Magenta (0%)
-  Yellow (0%)
-  Black (54%)



-  Cyan (82%)
-  Magenta (54%)
-  Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D7575 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 2D7575 by changing the saturation by 10% instead.

 2D7575

 2D7575

FFFFFF

 095C5C

 64A9A9

 004445

 7FC5C4

 002E2F

 9AE1E0

 001B1A

 B6FEFD

 000000

 D3FFFF

 F0FFFF

 2D7575

 2D7575

 217575

 397575

■ 167575

■ 447575

■ 0A7575

■ 507575

■ 007575

■ 5C7575

■ 677575

■ 737575

■ 7F7575

■ 8B7575

■ 967575

Harmonies

Analogous

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



407461



2D7575



2D7386

Triad

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



2D7575



7A6285



7F6645

Complementary

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



2D7575



752D2D

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.



8C604F



2D7575



8B5D74

Square

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



2D7575



61698F



915C60



6D6D46

Rectangle

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



2D7575



3B718D



915C60



846448

Sweetspot

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



2D7575



7D9999



2D752D



3C4D4D



CCCCCC



4D4D4D

Same Dimension

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



2D7575



289999



2D5175



353B3B



007A7A



00FAFA

Inverse Universe

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



752D75



992899



75512D



3B353B



7A007A



FA00FA

Previews

White Background



This preview shows how the Hex color 2D7575 looks on a white background.

Color Contrast Check

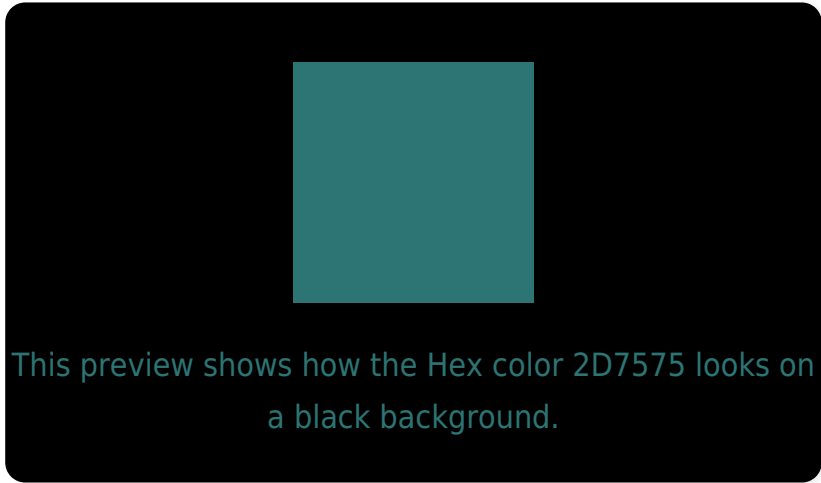
Large Text (above 18pt) WCAG AA ✓ Pass

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

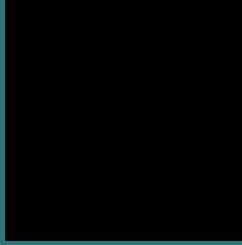
Any Text WCAG AA × Fail

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 2D7575 Background



This preview shows how black text looks on a background with the Hex color 2D7575.

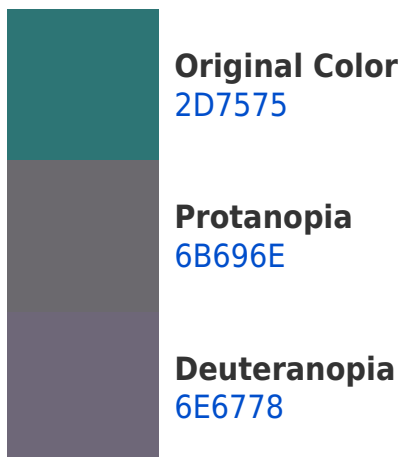


This preview shows how white text looks on a background with the Hex color 2D7575.

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
31747D

Trichromacy



Original Color
2D7575

Protanomaly
546D71

Deuteranomaly
566C77

Tritanomaly
30747A

Monochromacy



Original Color
2D7575

Achromatopsia
5F5F5F

Achromatomaly
4D6767

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D7575 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 #2D7575 looks like.

```
.text, #text, p{  
    color:#2D7575  
}
```

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 #2D7575 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D7575
}
```

Border

The CSS property to change the border of an element to Hex 2D7575 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
#2D7575 }
```

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

```
.border{ border-color:#2D7575 }
```

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

Here you see how a box with a 4 pixel #2D7575 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D7575; -webkit-box-shadow:4px 4px  
4px 4px #2D7575; box-shadow:4px 4px 4px  
4px #2D7575 }
```

Background

The CSS property to change the background color of an element to Hex 2D7575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D7575 }
```

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

```
.background{ background-color:#2D7575 }
```

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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