

Converting Colors

Hex(2D6238)

Have a look what the booklet for
Hex(2D6238) contains.

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Color

Hex(2D6238)

Conversions

Conversions Part 1

Format	Color
Hex	2D6238
RGB	45, 98, 56
RGB Percent	18%, 38%, 22%
CMY	0.8235, 0.6157, 0.7804
CMYK	0.54, 0.00, 0.43, 0.62
HSL	132°, 37%, 28%
HSV	132°, 54%, 38%
XYZ	6.1637, 9.5788, 5.2654
YIQ	77.3650, -18.1060, -24.2980

Conversions

Conversions Part 2

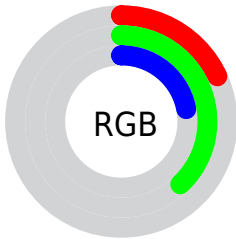
Format	Color
R_{YB}	45, 89, 98
Decimal	2974264
CIE _{Lab}	37.08, -27.89, 18.64
CIE _{LCh}	37, 33.551, 146.241
Yxy	9.5788, 0.2934, 0.4560
Android (android.graphics.Color)	4281164344 (0xFF2D6238)
YUV	77.3650, -10.5329, -28.3841
Hunter-Lab	30.9496, -18.6131, 11.5778

Details

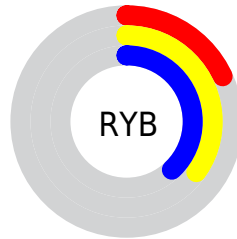
The Hex color **2D6238** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **622D57**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **5F9567**, and **00330D** is the 20% darker color. If you saturate the color by 10%, you get **236230**, and if you desaturate by 10%, it is **376240**.

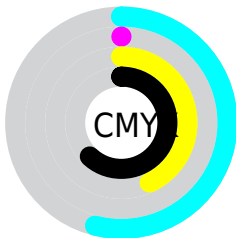
Distribution



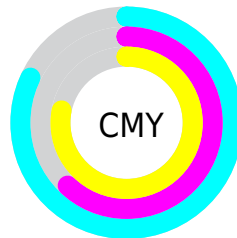
- Red (18%)
- Green (38%)
- Blue (22%)



- Red (18%)
- Yellow (35%)
- Blue (38%)



- Cyan (54%)
- Magenta (0%)
- Yellow (43%)
- Black (62%)



- Cyan (82%)
- Magenta (62%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D6238 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 2D6238 by changing the saturation by 10% instead.

 2D6238

 2D6238

FFFFFF

 134A22

 5F9567

 00330D

 79B081

 002000

 94CC9B

 000000

 AFE8B6

 CBFFD1

 E7FFEE

 2D6238

 2D6238

 236230

 376240

■ 196228

■ 416248

■ 106221

■ 4A624F

■ 066219

■ 546257

■ 006214

■ 5E625F

■ 686267

■ 72626E

■ 7B6276

■ 85627E

Harmonies

Analogous

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



4F5D24



2D6238



006553

Triad

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



2D6238



145B8D



894241

Complementary

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



2D6238



622D57

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.



87405C



2D6238



535288

Square

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



2D6238



006284



754776



7E4B2B

Rectangle

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



2D6238



006565



754776



8A404A

Sweetspot

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



2D6238



6B806F



57622D



344036



BFBFBF



404040

Same Dimension

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



2D6238



2D803E



2D6252



2C302D



007017



00F032

Inverse Universe

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



622D57



802D6E



622D3D



302C2F



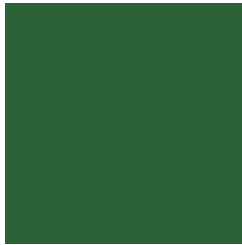
700059



F000BE

Previews

White Background



This preview shows how the Hex color 2D6238 looks on a white background.

Color Contrast Check

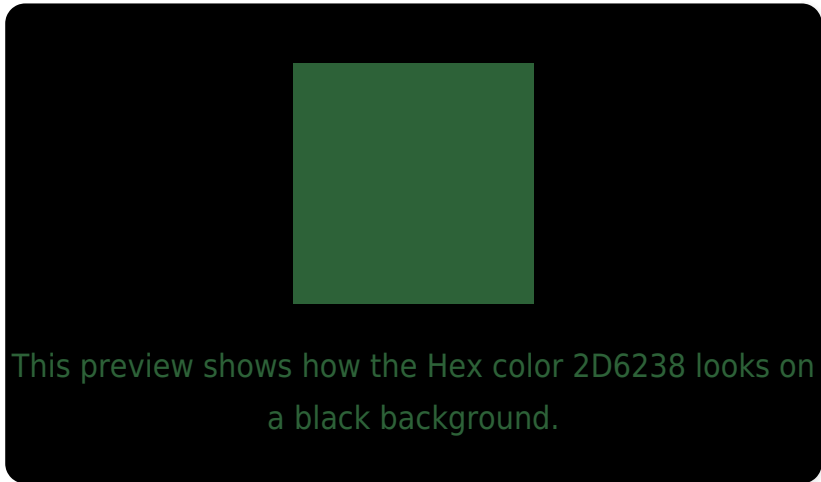
Large Text (above 18pt) WCAG AA ✓ Pass

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

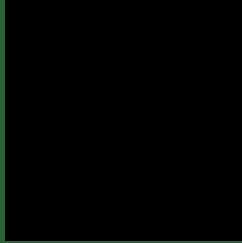
Any Text WCAG AA × Fail

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 2D6238 Background



This preview shows how black text looks on a background with the Hex color 2D6238.



This preview shows how white text looks on a background with the Hex color 2D6238.

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
2D6238

Protanopia
5F5734

Deuteranopia
68533C



Tritanopia
385D64

Trichromacy



Original Color
2D6238

Protanomaly
4D5B35

Deuteranomaly
53583B

Tritanomaly
345F54

Monochromacy



Original Color
2D6238

Achromatopsia
4D4D4D

Achromatomaly
415545

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D6238 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 #2D6238 looks like.

```
.text, #text, p{  
    color:#2D6238  
}
```

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 #2D6238 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D6238
}
```

Border

The CSS property to change the border of an element to Hex 2D6238 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
#2D6238 }
```

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

```
.border{ border-color:#2D6238 }
```

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

Here you see how a box with a 4 pixel #2D6238 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D6238; -webkit-box-shadow:4px 4px  
4px 4px #2D6238; box-shadow:4px 4px 4px  
4px #2D6238 }
```

Background

The CSS property to change the background color of an element to Hex 2D6238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D6238 }
```

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

```
.background{ background-color:#2D6238 }
```

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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