

Converting Colors

Hex(2B3626)

Have a look what the booklet for
Hex(2B3626) contains.

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Color

Hex(2B3626)

Conversions

Conversions Part 1

Format	Color
Hex	2B3626
RGB	43, 54, 38
RGB Percent	17%, 21%, 15%
CMY	0.8314, 0.7882, 0.8510
CMYK	0.20, 0.00, 0.30, 0.79
HSL	101°, 17%, 18%
HSV	101°, 30%, 21%
XYZ	2.6653, 3.2919, 2.3286
YIQ	48.8870, -1.4200, -7.3080

Conversions

Conversions Part 2

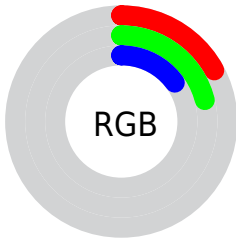
Format	Color
R_{YB}	38, 54, 49
Decimal	2831910
CIE _{Lab}	21.18, -8.34, 8.58
CIE _{LCh}	21, 11.968, 134.178
Yxy	3.2919, 0.3217, 0.3973
Android (android.graphics.Color)	4281021990 (0xFF2B3626)
YUV	48.8870, -5.3673, -5.1629
Hunter-Lab	18.1435, -5.5295, 5.0908

Details

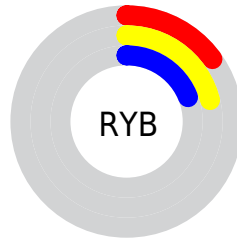
The Hex color **2B3626** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **312636**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **596553**, and **000800** is the 20% darker color. If you saturate the color by 10%, you get **273621**, and if you desaturate by 10%, it is **2F362B**.

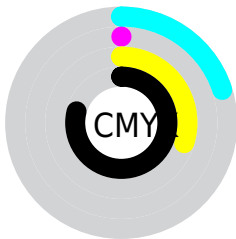
Distribution



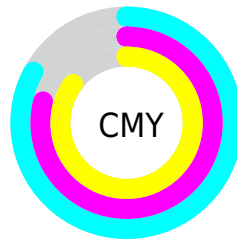
- Red (17%)
- Green (21%)
- Blue (15%)



- Red (15%)
- Yellow (21%)
- Blue (19%)



- Cyan (20%)
- Magenta (0%)
- Yellow (30%)
- Black (79%)



- Cyan (83%)
- Magenta (79%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B3626 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 2B3626 by changing the saturation by 10% instead.

■ 2B3626

■ 2B3626

FFFFFF

■ 162111

■ 596553

■ 000800

■ 717E6B

■ 000000

■ 8B9884

■ A5B29E

■ C0CEB9

■ DCEAD5

■ F9FFF1

■ 2B3626

■ 2B3626

■ 273621

■ 2F362B

■ 24361B

■ 323631

■ 203616

■ 363636

■ 1C3610

■ 3A363C

■ 18360B

■ 3E3641

■ 153606

■ 413646

■ 113600

■ 45364C

■ 493651

■ 4C3657

Harmonies

Analogous

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



353422



2B3626



21372E

Triad

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



2B3626



213544



452C2F

Complementary

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



2B3626



312636

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.



412D38



2B3626



2E3244

Square

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



2B3626



19373F



392F40



432E27

Rectangle

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



2B3626



1B3834



392F40



442C32

Sweetspot

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



2B3626



434741



363126



212420



A3A3A3



242424

Same Dimension

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



2B3626



36472E



263629



1A1C19



1D5C00



45DB00

Inverse Universe

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



312636



3F2E47



362633



1B191C



3F005C



9700DB

Previews

White Background



This preview shows how the Hex color 2B3626 looks on a white background.

Color Contrast Check

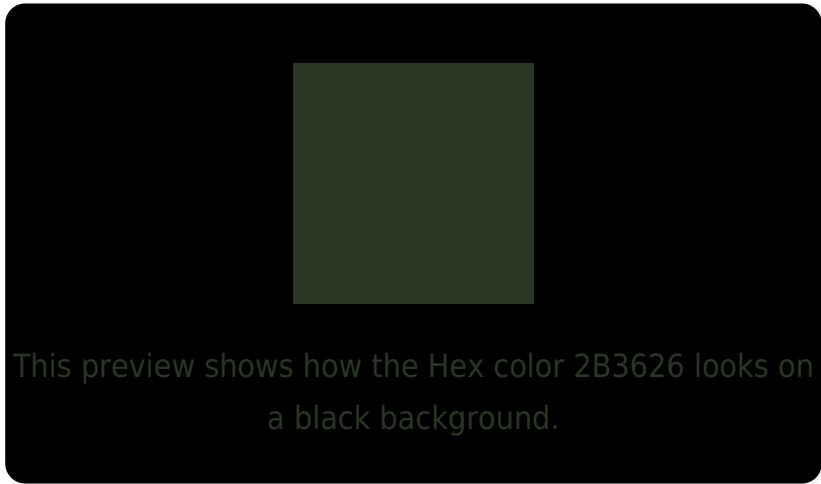
Large Text (above 18pt) WCAG AA ✓ Pass

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

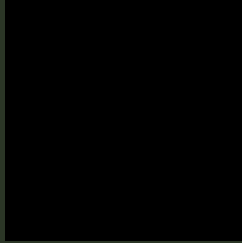
Any Text WCAG AA × Fail

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 2B3626 Background



This preview shows how black text looks on a background with the Hex color 2B3626.

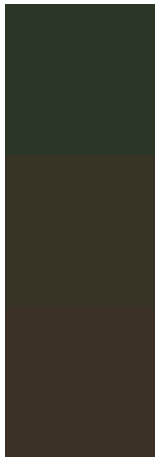


This preview shows how white text looks on a background with the Hex color 2B3626.

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](#).

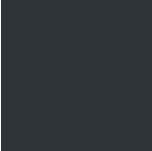
Dichromacy



Original Color
2B3626

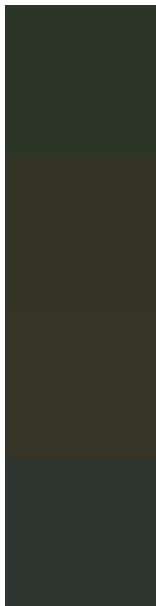
Protanopia
373325

Deuteranopia
3C3127



Tritanopia
2E3438

Trichromacy



Original Color

2B3626

Protanomaly

333425

Deuteranomaly

363327

Tritanomaly

2D3531

Monochromacy



Original Color

2B3626

Achromatopsia

313131

Achromatomaly

2F332D

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B3626 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 #2B3626 looks like.

```
.text, #text, p{  
    color:#2B3626  
}
```

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 #2B3626 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B3626
}
```

Border

The CSS property to change the border of an element to Hex 2B3626 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
#2B3626 }
```

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

```
.border{ border-color:#2B3626 }
```

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

Here you see how a box with a 4 pixel #2B3626 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B3626; -webkit-box-shadow:4px 4px  
4px 4px #2B3626; box-shadow:4px 4px 4px  
4px #2B3626 }
```

Background

The CSS property to change the background color of an element to Hex 2B3626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B3626 }
```

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

```
.background{ background-color:#2B3626 }
```

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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