

Converting Colors

Decimal(3028006)

Have a look what the booklet for
Decimal(3028006) contains.

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Color

Decimal(3028006)

Conversions

Conversions Part 1

Format	Color
Hex	2E3426
RGB	46, 52, 38
RGB Percent	18%, 20%, 15%
CMY	0.8196, 0.7961, 0.8510
CMYK	0.12, 0.00, 0.27, 0.80
HSL	86°, 16%, 18%
HSV	86°, 27%, 20%
XYZ	2.7046, 3.1768, 2.3044
YIQ	48.6100, 0.9180, -5.6260

Conversions

Conversions Part 2

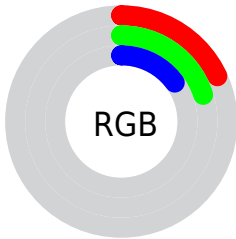
Format	Color
RYB	38, 52, 44
Decimal	3028006
CIELab	20.74, -5.71, 8.02
CIELCh	21, 9.844, 125.436
Yxy	3.1768, 0.3304, 0.3881
Android (android.graphics.Color)	4281218086 (0xFF2E3426)
YUV	48.6100, -5.2307, -2.2890
Hunter-Lab	17.8235, -4.1053, 4.8110

Details

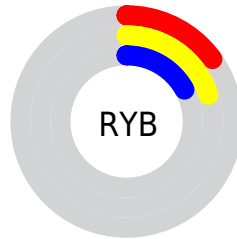
The Decimal color **3028006** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2893364**, and the grayscale version is **3223857**.

A 20% lighter version of the original color is **6054483**, and **1280** is the 20% darker color. If you saturate the color by 10%, you get **2896929**, and if you desaturate by 10%, it is **3159083**.

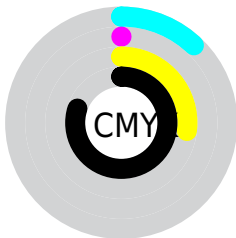
Distribution



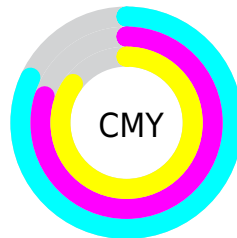
- Red (18%)
- Green (20%)
- Blue (15%)



- Red (15%)
- Yellow (20%)
- Blue (17%)



- Cyan (12%)
- Magenta (0%)
- Yellow (27%)
- Black (80%)



- Cyan (82%)
- Magenta (80%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3028006 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 Decimal color 3028006 by changing the saturation by 10% instead.

■ 3028006

■ 3028006

16777215

■ 1646353

■ 6054483

■ 1280

■ 7699307

■ 0

■ 9344388

■ 11120798

■ 12897209

■ 14739413

■ 16580593

■ 3028006

■ 3028006

■ 2896929

■ 3159083

■ 2765852

■ 3290160

■ 2569238

■ 3486774

■ 2438161

■ 3617851

■ 2307084

■ 3748928

■ 2176007

■ 3880005

■ 1979394

■ 4076618

■ 1979392

■ 4207696

■ 4338773

Harmonies

Analogous

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



3551780



3028006



2503980

Triad

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



3028006



2241599



4205873

Complementary

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



3028006



2893364

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.



3943992



3028006



2830912

Square

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



3028006



1914426



3485758



4205866

Rectangle

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



3028006



2176560



3485758



4140339

Sweetspot

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



3028006



4343103



3419174



2237472



10724259



2368548

Same Dimension

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



3028006



3884335



2569254



1579543



3365120



8182016

Inverse Universe

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



2893364



3682117



3352116



1578778



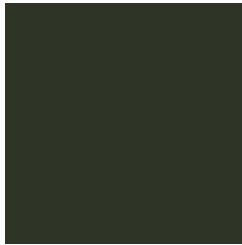
2490457



6095065

Previews

White Background



This preview shows how the Decimal color 3028006 looks on a white background.

Color Contrast Check

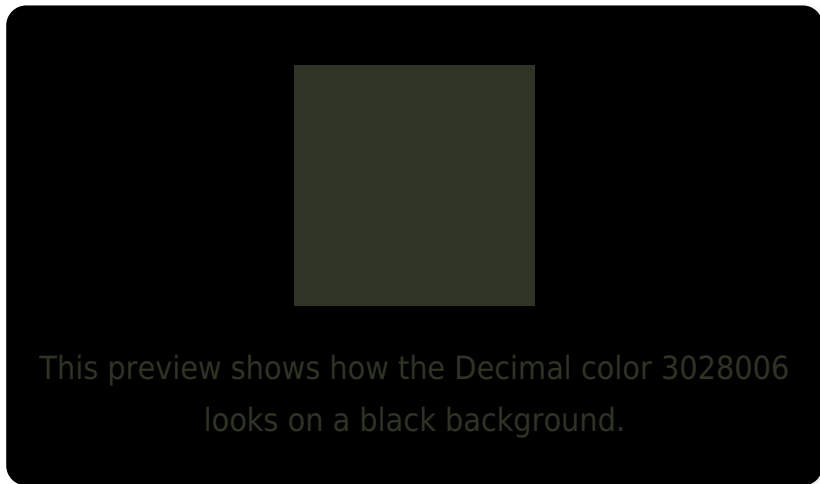
Large Text (above 18pt) WCAG AA ✓ Pass

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

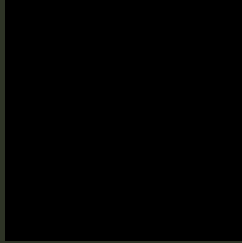
Any Text WCAG AA × Fail

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](#).

Decimal 3028006 Background



This preview shows how black text looks on a background with the Decimal color 3028006.

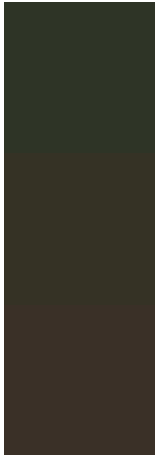


This preview shows how white text looks on a background with the Decimal color 3028006.

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](#).

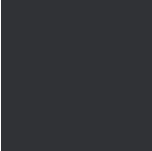
Dichromacy



Original Color
3028006

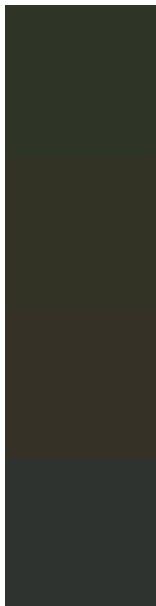
Protanopia
3486245

Deuteranopia
3813415



Tritanopia
3158582

Trichromacy



Original Color

3028006

Protanomaly

3289893

Deuteranomaly

3551527

Tritanomaly

3093296

Monochromacy



Original Color

3028006

Achromatopsia

3223857

Achromatomaly

3158573

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3028006 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 #2E3426 looks like.

```
.text, #text, p{  
    color:#2E3426  
}
```

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 #2E3426 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E3426
}
```

Border

The CSS property to change the border of an element to Decimal 3028006 is called "border". The border property can be set on classes, ids or directly on the HTML element.

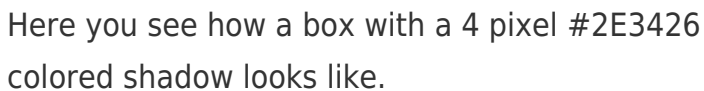
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2E3426 }
```

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

```
.border{ border-color:#2E3426 }
```

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



Here you see how a box with a 4 pixel #2E3426 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E3426; -webkit-box-shadow:4px 4px  
4px 4px #2E3426; box-shadow:4px 4px 4px  
4px #2E3426 }
```

Background

The CSS property to change the background color of an element to Decimal 3028006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E3426 }
```

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

```
.background{ background-color:#2E3426 }
```

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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