

Converting Colors

Decimal(2828090)

Have a look what the booklet for
Decimal(2828090) contains.

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Color

Decimal(2828090)

Conversions

Conversions Part 1

Format	Color
Hex	2B273A
RGB	43, 39, 58
RGB Percent	17%, 15%, 23%
CMY	0.8314, 0.8471, 0.7725
CMYK	0.26, 0.33, 0.00, 0.77
HSL	253°, 20%, 19%
HSV	253°, 33%, 23%
XYZ	2.4855, 2.2701, 4.3102
YIQ	42.3620, -3.7150, 6.7570

Conversions

Conversions Part 2

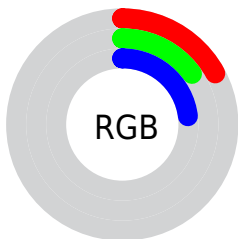
Format	Color
RYB	43, 39, 58
Decimal	2828090
CIELab	16.85, 6.83, -11.53
CIElCh	17, 13.405, 300.654
Yxy	2.2701, 0.2742, 0.2504
Android (android.graphics.Color)	4281018170 (0xFF2B273A)
YUV	42.3620, 7.7095, 0.5595
Hunter-Lab	15.0669, 3.0790, -6.4141

Details

The Decimal color **2828090** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3553831**, and the grayscale version is **2763306**.

A 20% lighter version of the original color is **5854313**, and **270** is the 20% darker color. If you saturate the color by 10%, you get **2498874**, and if you desaturate by 10%, it is **3157306**.

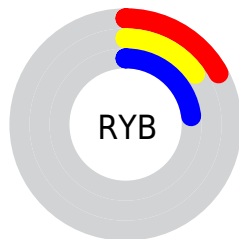
Distribution



Red (17%)

Green (15%)

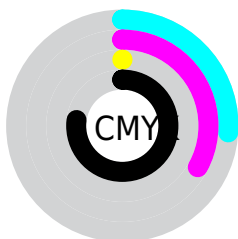
Blue (23%)



Red (17%)

Yellow (15%)

Blue (23%)

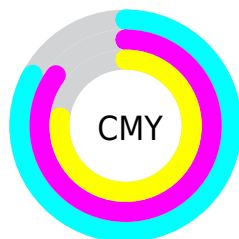


Cyan (26%)

Magenta (33%)

Yellow (0%)

Black (77%)



Cyan (83%)

Magenta (85%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2828090 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 2828090 by changing the saturation by 10% instead.

■ 2828090

■ 2828090

16777215

■ 1446692

■ 5854313

■ 270

■ 7433346

■ 0

■ 9143708

■ 10854327

■ 12696275

■ 14472943

■ 16380927

■ 2828090

■ 2828090

■ 2498874

■ 3157306

■ 2235194

■ 3420986

■ 1906234

■ 3749946

■ 1642554

■ 4013626

■ 1313338

■ 4342842

■ 1049658

■ 4606522

■ 786490

■ 4935738

■ 5264698

■ 5528378

Harmonies

Analogous

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



1845821



2828090



3548211

Triad

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



2828090



3679769



929577

Complementary

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



2828090



3553831

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.



1715744



2828090



3156246

Square

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



2828090



3941152



2501657



405043

Rectangle

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



2828090



3810093



2501657



1191718

Sweetspot

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



2828090



4605261



2569786



2302502



10921638



2500134

Same Dimension

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



2828090



3485517



3417914



1710364



1245276



3014875

Inverse Universe

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



3811126



5058374



2964007



1841435



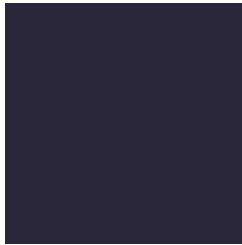
6029384



14352557

Previews

White Background



This preview shows how the Decimal color 2828090 looks on a white background.

Color Contrast Check

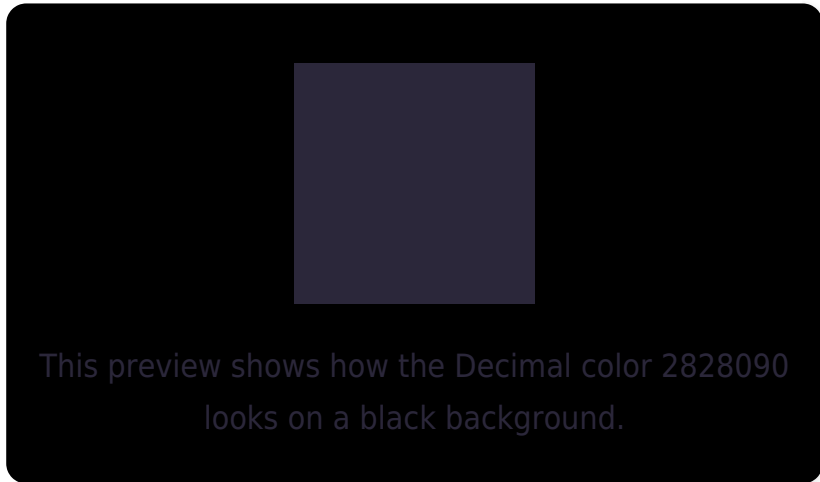
Large Text (above 18pt) WCAG AA ✓ Pass

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 2828090 Background



This preview shows how black text looks on a background with the Decimal color 2828090.



This preview shows how white text looks on a background with the Decimal color 2828090.

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

2828090

Protanopia

2369852

Deuteranopia

2369850



Tritanopia
2632237

Trichromacy



Original Color
2828090

Protanomaly
2566203

Deuteranomaly
2566202

Tritanomaly
2697522

Monochromacy



Original Color
2828090

Achromatopsia
2763306

Achromatomaly
2763056

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2828090 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 #2B273A looks like.

```
.text, #text, p{  
  color:#2B273A  
}
```

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 #2B273A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B273A
}
```

Border

The CSS property to change the border of an element to Decimal 2828090 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
#2B273A }
```

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

```
.border{ border-color:#2B273A }
```

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

Here you see how a box with a 4 pixel #2B273A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B273A; -webkit-box-shadow:4px 4px  
4px 4px #2B273A; box-shadow:4px 4px 4px  
4px #2B273A }
```

Background

The CSS property to change the background color of an element to Decimal 2828090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B273A }
```

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

```
.background{ background-color:#2B273A }
```

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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