

Converting Colors

Decimal(2240329)

Have a look what the booklet for
Decimal(2240329) contains.

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Color

Decimal(2240329)

Conversions

Conversions Part 1

Format	Color
Hex	222F49
RGB	34, 47, 73
RGB Percent	13%, 18%, 29%
CMY	0.8667, 0.8157, 0.7137
CMYK	0.53, 0.36, 0.00, 0.71
HSL	220°, 36%, 21%
HSV	220°, 53%, 29%
XYZ	2.8788, 2.8542, 6.7025
YIQ	46.0770, -16.0940, 5.3300

Conversions

Conversions Part 2

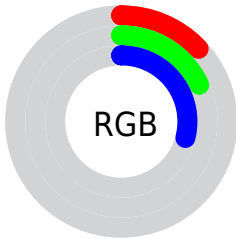
Format	Color
RYB	34, 44, 73
Decimal	2240329
CIELab	19.45, 3.06, -17.85
CIELCh	19, 18.108, 279.715
Yxy	2.8542, 0.2315, 0.2295
Android (android.graphics.Color)	4280430409 (0xFF222F49)
YUV	46.0770, 13.2730, -10.5915
Hunter-Lab	16.8942, 0.8517, -11.6964

Details

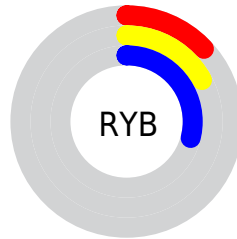
The Decimal color **2240329** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **4799522**, and the grayscale version is **3026478**.

A 20% lighter version of the original color is **5332346**, and **286** is the 20% darker color. If you saturate the color by 10%, you get **1780297**, and if you desaturate by 10%, it is **2700361**.

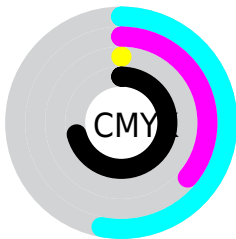
Distribution



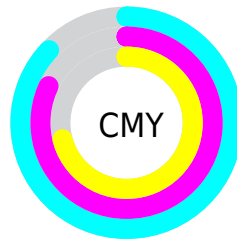
- Red (13%)
- Green (18%)
- Blue (29%)



- Red (13%)
- Yellow (17%)
- Blue (29%)



- Cyan (53%)
- Magenta (36%)
- Yellow (0%)
- Black (71%)



- Cyan (87%)
- Magenta (82%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2240329 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 2240329 by changing the saturation by 10% instead.

■ 2240329

■ 2240329

16777215

■ 662066

■ 5332346

■ 286

■ 6976916

■ 0

■ 8687534

■ 10398154

■ 12174566

■ 14016767

■ 15924735

■ 2240329

■ 2240329

■ 1780297

■ 2700361

■ 1254729

■ 3225929

■ 794697

■ 3685961

■ 334921

■ 4145737

■ 6217

■ 4605769

■ 5131337

■ 5591369

■ 6051401

■ 6576969

Harmonies

Analogous

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



275272



2240329



3549763

Triad

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



2240329



4597535



1258790

Complementary

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



2240329



4799522

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.



2437914



2240329



4139798

Square

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



2240329



4727851



3354645



13875

Rectangle

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



2240329



4138813



3354645



1717537

Sweetspot

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



2240329



5198942



2246972



2566704



11579568



3158064

Same Dimension

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



2240329



2242142



2630217



2105636



8547



19683

Inverse Universe

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



4792879



6169142



4344098



2367521



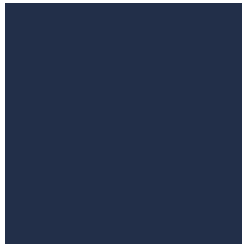
6488097



14876748

Previews

White Background



This preview shows how the Decimal color 2240329 looks on a white background.

Color Contrast Check

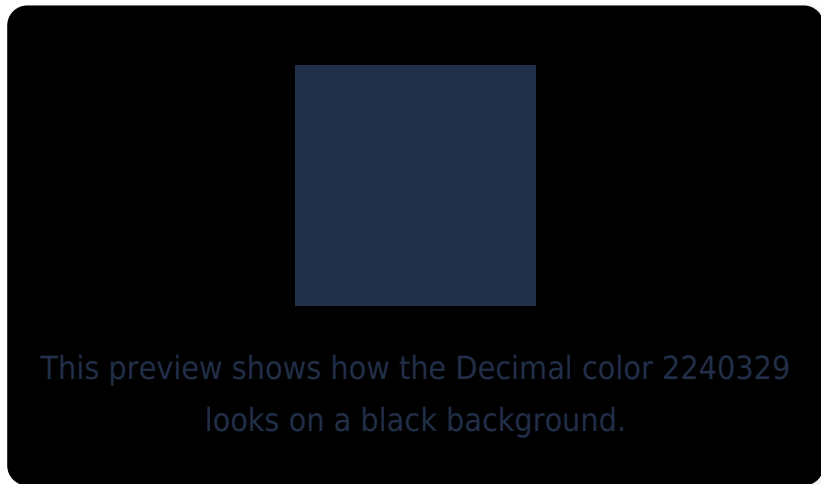
Large Text (above 18pt) WCAG AA ✓ Pass

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

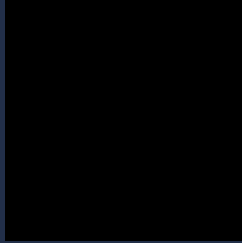
Any Text WCAG AA × Fail

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 2240329 Background



This preview shows how black text looks on a background with the Decimal color 2240329.



This preview shows how white text looks on a background with the Decimal color 2240329.

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](#).

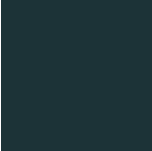
Dichromacy



Original Color
2240329

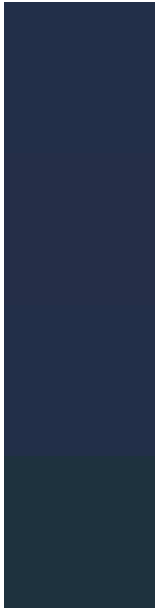
Protanopia
2502216

Deuteranopia
2240329



Tritanopia
1848119

Trichromacy



Original Color
2240329

Protanomaly
2436680

Deuteranomaly
2240329

Tritanomaly
1978942

Monochromacy



Original Color
2240329

Achromatopsia
3026478

Achromatomaly
2764344

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2240329 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 #222F49 looks like.

```
.text, #text, p{  
  color:#222F49  
}
```

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 #222F49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #222F49
}
```

Border

The CSS property to change the border of an element to Decimal 2240329 is called "border". The border property can be set on classes, ids or directly on the HTML element.

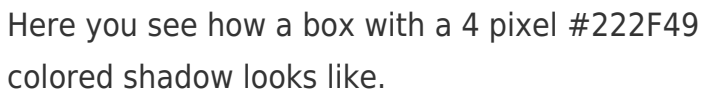
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#222F49 }
```

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

```
.border{ border-color:#222F49 }
```

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



Here you see how a box with a 4 pixel #222F49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #222F49; -webkit-box-shadow:4px 4px  
4px 4px #222F49; box-shadow:4px 4px 4px  
4px #222F49 }
```

Background

The CSS property to change the background color of an element to Decimal 2240329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#222F49 }
```

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

```
.background{ background-color:#222F49 }
```

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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