

Converting Colors

Decimal(729896)

Have a look what the booklet for
Decimal(729896) contains.

Decimal(729896)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(729896)

Conversions

Conversions Part 1

Format	Color
Hex	0B2328
RGB	11, 35, 40
RGB Percent	4%, 14%, 16%
CMY	0.9569, 0.8627, 0.8431
CMYK	0.73, 0.13, 0.00, 0.84
HSL	190°, 57%, 10%
HSV	190°, 72%, 16%
XYZ	1.1220, 1.4264, 2.2237
YIQ	28.3940, -15.9090, -3.5330

Conversions

Conversions Part 2

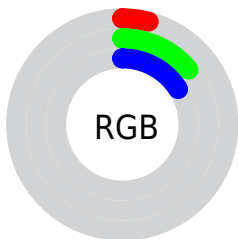
Format	Color
RYB	11, 24, 40
Decimal	729896
CIELab	12.13, -7.41, -6.16
CIElCh	12, 9.640, 219.749
Yxy	1.4264, 0.2351, 0.2989
Android (android.graphics.Color)	4278919976 (0xFF0B2328)
YUV	28.3940, 5.7218, -15.2545
Hunter-Lab	11.9432, -4.1309, -2.6787

Details

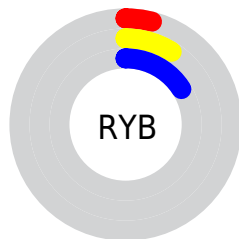
The Decimal color **729896** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **2625547**, and the grayscale version is **1842204**.

A 20% lighter version of the original color is **3690325**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **467496**, and if you desaturate by 10%, it is **992296**.

Distribution



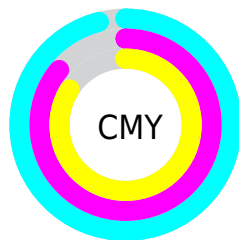
- Red (4%)
- Green (14%)
- Blue (16%)



- Red (4%)
- Yellow (9%)
- Blue (16%)



- Cyan (73%)
- Magenta (13%)
- Yellow (0%)
- Black (84%)



- Cyan (96%)
- Magenta (86%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 729896 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 729896 by changing the saturation by 10% instead.



729896



729896



15728639



3604



3690325



0



5203821



6848903



8493985



10270140



12046807



13823476



729896



729896

■ 467496

■ 992296

■ 205352

■ 1254440

■ 8488

■ 1516840

■ 1779240

■ 2041384

■ 2303784

■ 2566184

■ 2828584

■ 3090728

Harmonies

Analogous

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



860962



729896



1122860

Triad

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



729896



2759461



2236434

Complementary

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



729896



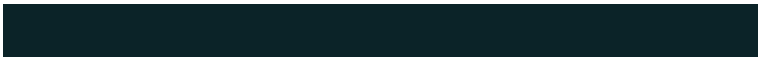
2625547

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.



2629139



729896



2956062

Square

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



729896



2301226



2890776



1778197

Rectangle

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



729896



1515565



2890776



2432786

Sweetspot

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



729896



2634035



731152



1251354



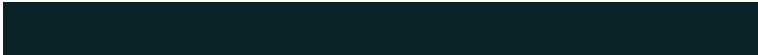
10066329



1710618

Same Dimension

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



729896



469811



726312



1184788



18004



45012

Inverse Universe

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



2624291



3344171



2629131



1315348



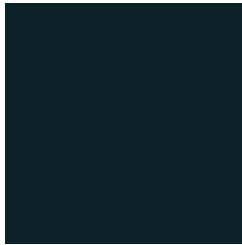
5505094



13893807

Previews

White Background



This preview shows how the Decimal color 729896 looks on a white background.

Color Contrast Check

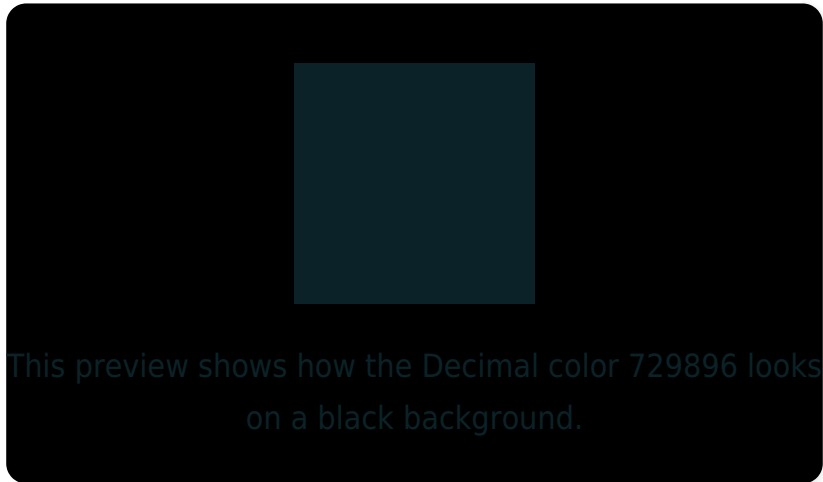
Large Text (above 18pt) WCAG AA ✓ Pass

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

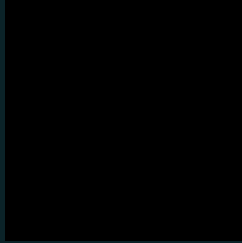
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

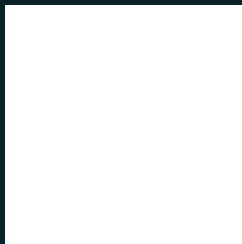
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 729896 Background



This preview shows how black text looks on a background with the Decimal color 729896.



This preview shows how white text looks on a background with the Decimal color 729896.

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
729896

Protanopia
2039846

Deuteranopia
1974057



Tritanopia
664358

Trichromacy



Original Color

729896

Protanomaly

1581351

Deuteranomaly

1515561

Tritanomaly

664359

Monochromacy



Original Color

729896

Achromatopsia

1842204

Achromatomaly

1449760

CSS Examples

Text

The CSS property to change the color of the text to Decimal 729896 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 #0B2328 looks like.

```
.text, #text, p{  
  color:#0B2328  
}
```

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 #0B2328 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B2328
}
```

Border

The CSS property to change the border of an element to Decimal 729896 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
#0B2328 }
```

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

```
.border{ border-color:#0B2328 }
```

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

Here you see how a box with a 4 pixel #0B2328 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B2328; -webkit-box-shadow:4px 4px  
4px 4px #0B2328; box-shadow:4px 4px 4px  
4px #0B2328 }
```

Background

The CSS property to change the background color of an element to Decimal 729896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B2328 }
```

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

```
.background{ background-color:#0B2328 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor