

Converting Colors

Decimal(791360)

Have a look what the booklet for
Decimal(791360) contains.

Decimal(791360)	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(791360)

Conversions

Conversions Part 1

Format	Color
Hex	0C1340
RGB	12, 19, 64
RGB Percent	5%, 7%, 25%
CMY	0.9529, 0.9255, 0.7490
CMYK	0.81, 0.70, 0.00, 0.75
HSL	232°, 68%, 15%
HSV	232°, 81%, 25%
XYZ	1.3099, 0.9141, 4.9579
YIQ	22.0370, -18.6170, 12.5110

Conversions

Conversions Part 2

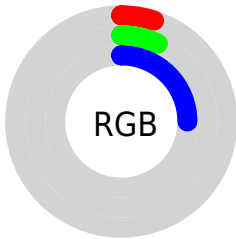
Format	Color
RYB	12, 18, 64
Decimal	791360
CIELab	8.25, 15.33, -29.60
CIELCh	8, 33.337, 297.385
Yxy	0.9141, 0.1824, 0.1273
Android (android.graphics.Color)	4278981440 (0xFF0C1340)
YUV	22.0370, 20.6878, -8.8024
Hunter-Lab	9.5607, 7.7249, -24.0534

Details

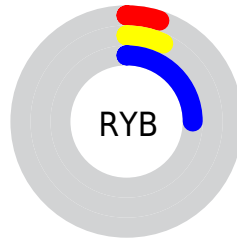
The Decimal color **791360** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **4208908**, and the grayscale version is **1447446**.

A 20% lighter version of the original color is **4144496**, and **276** is the 20% darker color. If you saturate the color by 10%, you get **396608**, and if you desaturate by 10%, it is **1186112**.

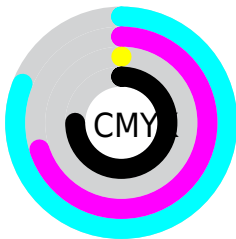
Distribution



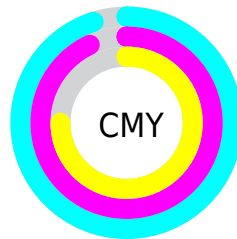
- Red (5%)
- Green (7%)
- Blue (25%)



- Red (5%)
- Yellow (7%)
- Blue (25%)



- Cyan (81%)
- Magenta (70%)
- Yellow (0%)
- Black (75%)



- Cyan (95%)
- Magenta (93%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 791360 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 791360 by changing the saturation by 10% instead.

■ 791360 ■ 791360

■ 16511999 ■ 42

■ 4144496 ■ 276

■ 5788810 ■ 0

■ 7433381

■ 9209280

■ 10985692

■ 12762104

■ 14669567

■ 791360 ■ 791360

■ 396608

■ 1186112

■ 2368

■ 1646144

■ 2040896

■ 2500928

■ 2895680

■ 3290176

■ 3750464

■ 4144960

■ 4605248

Harmonies

Analogous

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



7237



791360



3081264

Triad

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



791360



3214336



8981

Complementary

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



791360



4208908

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.



8448



791360



2168576

Square

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



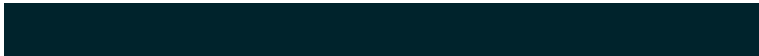
791360



3932160



400640



9004

Rectangle

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



791360



373586



400640



8971

Sweetspot

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



791360



4211540



802872



2039851



11250603



2829099

Same Dimension

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



791360



134484



1969216



1973793



3425



7904

Inverse Universe

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



4197395



5505549



3031052



2170398



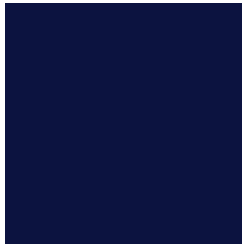
6357005



14680094

Previews

White Background



This preview shows how the Decimal color 791360 looks on a white background.

Color Contrast Check

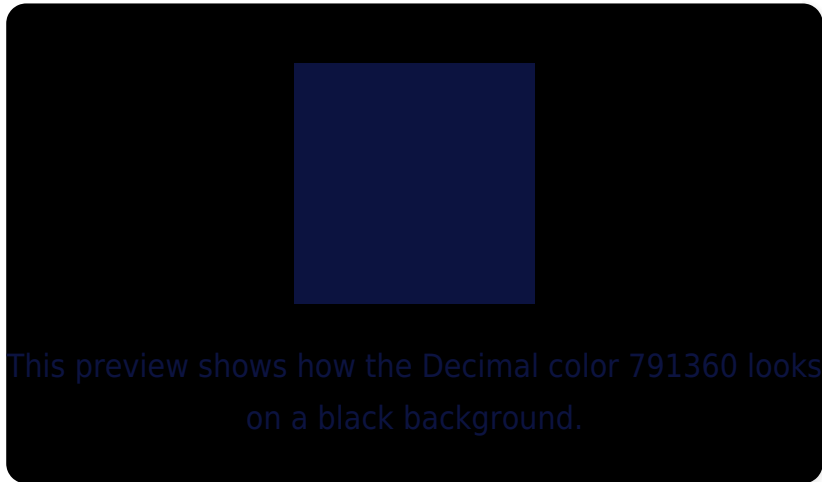
Large Text (above 18pt) WCAG AA ✓ Pass

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

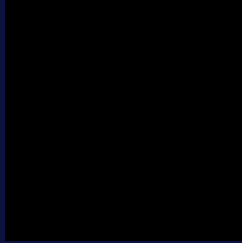
Any Text WCAG AA × Fail

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 791360 Background



This preview shows how black text looks on a background with the Decimal color 791360.



This preview shows how white text looks on a background with the Decimal color 791360.

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
791360

Protanopia
6195

Deuteranopia
6699

Trichromacy



Original Color
791360

Protanomaly
267832

Deuteranomaly
268083

Tritanomaly
268586

Monochromacy



Original Color
791360

Achromatopsia
1447446

Achromatomaly
1185061

CSS Examples

Text

The CSS property to change the color of the text to Decimal 791360 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 #0C1340 looks like.

```
.text, #text, p{  
    color:#0C1340  
}
```

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 #0C1340 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C1340
}
```

Border

The CSS property to change the border of an element to Decimal 791360 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
#0C1340 }
```

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

```
.border{ border-color:#0C1340 }
```

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

Here you see how a box with a 4 pixel #0C1340 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C1340; -webkit-box-shadow:4px 4px  
4px 4px #0C1340; box-shadow:4px 4px 4px  
4px #0C1340 }
```

Background

The CSS property to change the background color of an element to Decimal 791360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C1340 }
```

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

```
.background{ background-color:#0C1340 }
```

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