

Converting Colors

Decimal(801140)

Have a look what the booklet for
Decimal(801140) contains.

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Color

Decimal(801140)

Conversions

Conversions Part 1

Format	Color
Hex	0C3974
RGB	12, 57, 116
RGB Percent	5%, 22%, 45%
CMY	0.9529, 0.7765, 0.5451
CMYK	0.90, 0.51, 0.00, 0.55
HSL	214°, 81%, 25%
HSV	214°, 90%, 45%
XYZ	4.7671, 4.2654, 17.0950
YIQ	50.2710, -45.7590, 8.8090

Conversions

Conversions Part 2

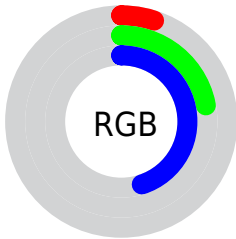
Format	Color
R_{YB}	12, 43, 116
Decimal	801140
CIE Lab	24.53, 9.69, -38.02
CIE LCh	25, 39.232, 284.306
Yxy	4.2654, 0.1825, 0.1633
Android (android.graphics.Color)	4278991220 (0xFF0C3974)
YUV	50.2710, 32.4044, -33.5637
Hunter-Lab	20.6528, 5.0595, -34.6195

Details

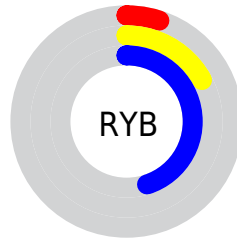
The Decimal color **801140** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **7620364**, and the grayscale version is **3289650**.

A 20% lighter version of the original color is **5072809**, and **3907** is the 20% darker color. If you saturate the color by 10%, you get **12916**, and if you desaturate by 10%, it is **1589364**.

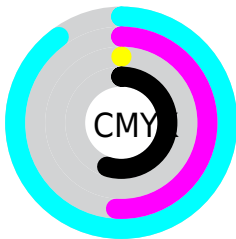
Distribution



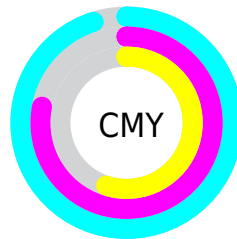
- Red (5%)
- Green (22%)
- Blue (45%)



- Red (5%)
- Yellow (17%)
- Blue (45%)



- Cyan (90%)
- Magenta (51%)
- Yellow (0%)
- Black (55%)

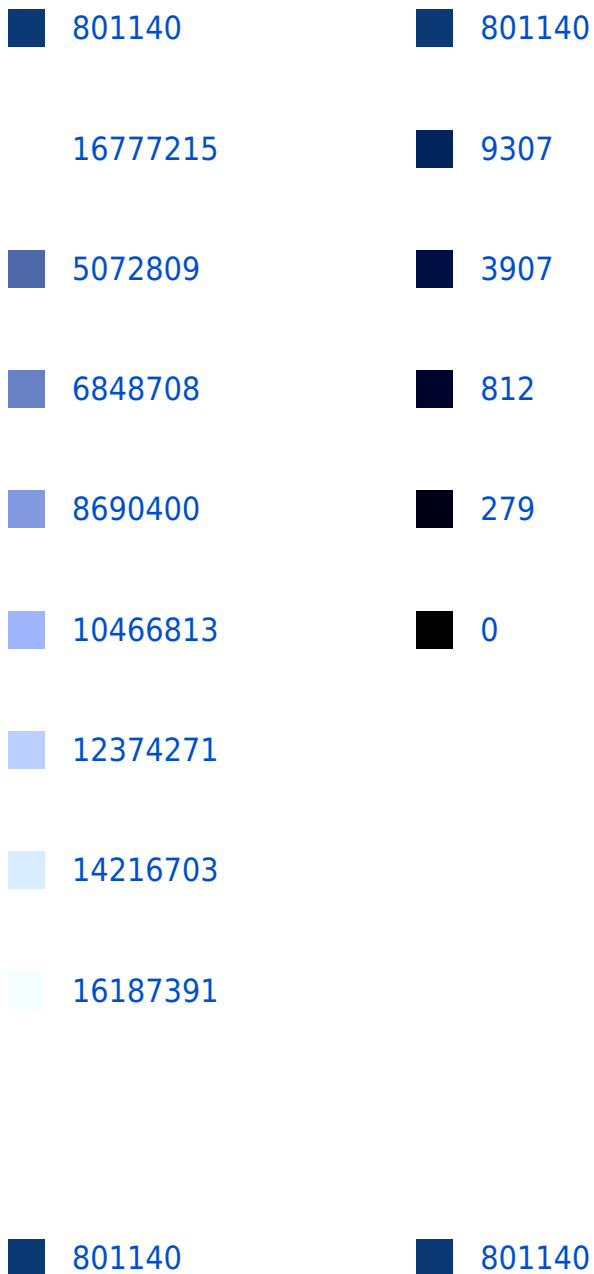


- Cyan (95%)
- Magenta (78%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 801140 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 801140 by changing the saturation by 10% instead.



■ 12916

■ 1589364

■ 2311796

■ 3100020

■ 3822452

■ 4610676

■ 5398644

■ 6121332

■ 6909556

■ 7631988

Harmonies

Analogous

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



17011



801140



5057381

Triad

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



801140



6759954



18217

Complementary

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



801140



7620364

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.



1458954



801140



5518080

Square

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



801140



7215661



3882240



18504

Rectangle

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



801140



636524



3882240



17951

Sweetspot

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



801140



7241622



816199



3424077



13421772



5066061

Same Dimension

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



801140



16790



1248372



3487547



13690



27898

Inverse Universe

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



7605305



9830465



7173132



3880247



7995445



16384108

Previews

White Background



This preview shows how the Decimal color 801140 looks on a white background.

Color Contrast Check

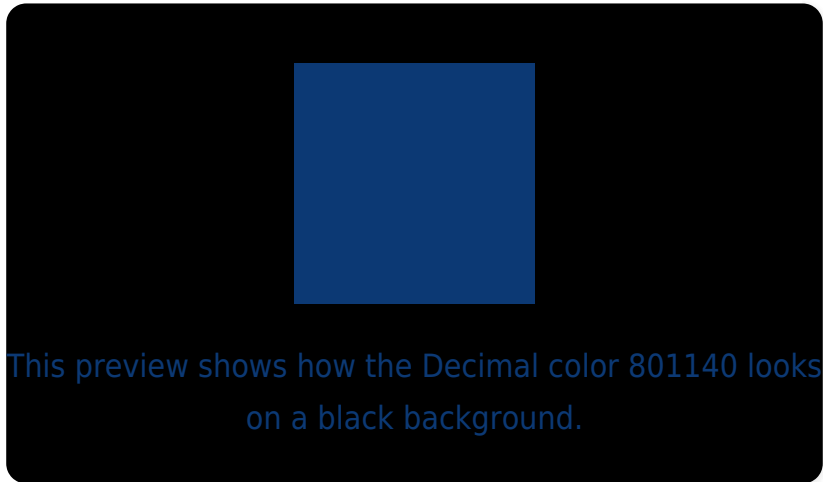
Large Text (above 18pt) WCAG AA ✓ Pass

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

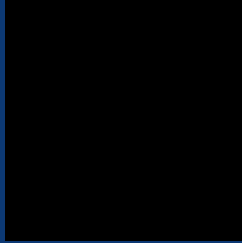
Any Text WCAG AA × Fail

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 801140 Background



This preview shows how black text looks on a background with the Decimal color 801140.



This preview shows how white text looks on a background with the Decimal color 801140.

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
801140

Protanopia
1390707

Trichromacy



Original Color
801140

Protanomaly
1194099

Monochromacy



Original Color
801140

Achromatopsia
3289650

Achromatomaly
2372938

CSS Examples

Text

The CSS property to change the color of the text to Decimal 801140 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 #0C3974 looks like.

```
.text, #text, p{  
    color:#0C3974  
}
```

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 #0C3974 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C3974
}
```

Border

The CSS property to change the border of an element to Decimal 801140 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
#0C3974 }
```

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

```
.border{ border-color:#0C3974 }
```

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

Here you see how a box with a 4 pixel #0C3974 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C3974; -webkit-box-shadow:4px 4px  
4px 4px #0C3974; box-shadow:4px 4px 4px  
4px #0C3974 }
```

Background

The CSS property to change the background color of an element to Decimal 801140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C3974 }
```

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

```
.background{ background-color:#0C3974 }
```

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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