

Converting Colors

Decimal(865406)

Have a look what the booklet for
Decimal(865406) contains.

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Color

Decimal(865406)

Conversions

Conversions Part 1

Format	Color
Hex	0D347E
RGB	13, 52, 126
RGB Percent	5%, 20%, 49%
CMY	0.9490, 0.7961, 0.5059
CMYK	0.90, 0.59, 0.00, 0.51
HSL	219°, 81%, 27%
HSV	219°, 90%, 49%
XYZ	5.1599, 4.0479, 20.2480
YIQ	48.7750, -46.9980, 14.7460

Conversions

Conversions Part 2

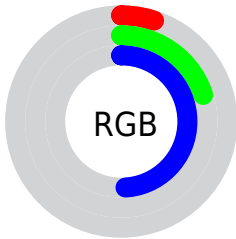
Format	Color
R_{YB}	13, 42, 126
Decimal	865406
CIE _{Lab}	23.83, 17.65, -45.49
CIE _{LCh}	24, 48.789, 291.203
Yxy	4.0479, 0.1752, 0.1374
Android (android.graphics.Color)	4279055486 (0xFF0D347E)
YUV	48.7750, 38.0719, -31.3747
Hunter-Lab	20.1194, 10.5695, -45.5855

Details

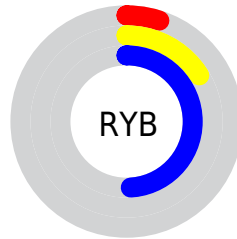
The Decimal color **865406** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **8279821**, and the grayscale version is **3158064**.

A 20% lighter version of the original color is **5333683**, and **2380** is the 20% darker color. If you saturate the color by 10%, you get **11390**, and if you desaturate by 10%, it is **1719422**.

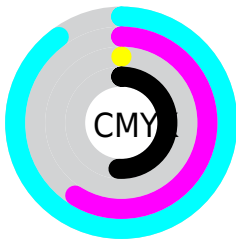
Distribution



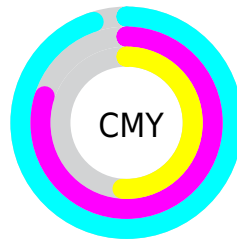
- Red (5%)
- Green (20%)
- Blue (49%)



- Red (5%)
- Yellow (16%)
- Blue (49%)



- Cyan (90%)
- Magenta (59%)
- Yellow (0%)
- Black (51%)

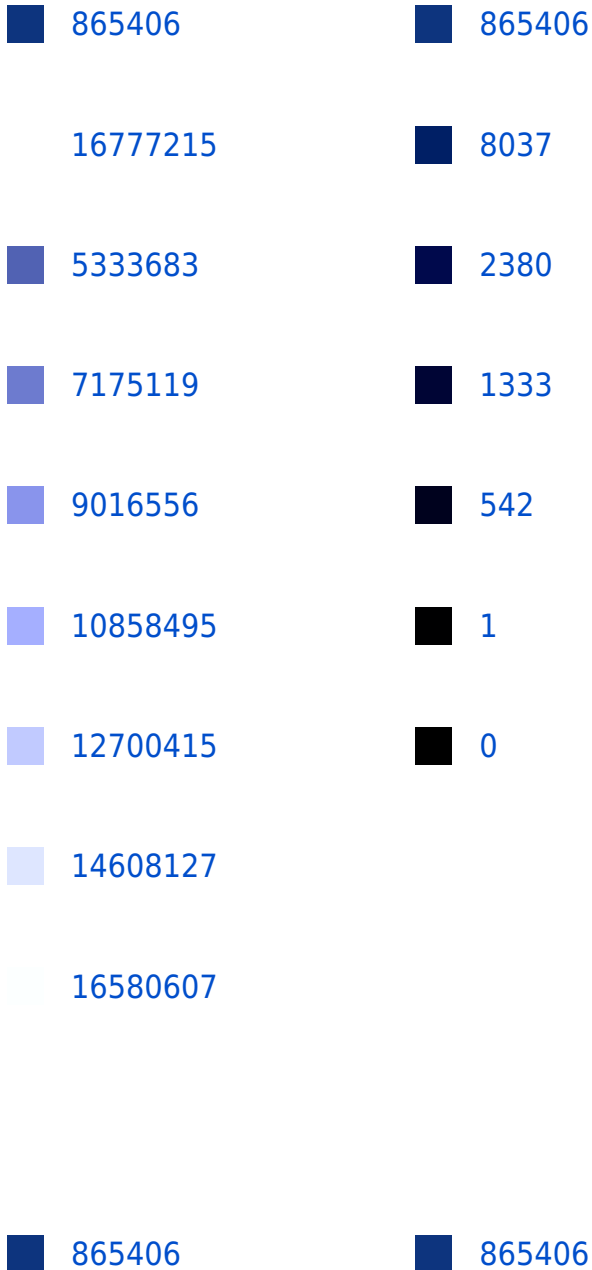


- Cyan (95%)
- Magenta (80%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 865406 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 865406 by changing the saturation by 10% instead.



■ 11390

■ 1719422

■ 11134

■ 2508158

■ 3362174

■ 4150654

■ 5004670

■ 5858942

■ 6647422

■ 7501438

■ 8289918

Harmonies

Analogous

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



16770



865406



5775207

Triad

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



865406



6889728



18220

Complementary

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



865406



8279821

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.



17410



865406



5255936

Square

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



865406



7734305



3030784



18514

Rectangle

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



865406



7146065



3030784



18207

Sweetspot

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



865406



7833251



884310



3621202



13750737



5395026

Same Dimension

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



865406



14499



1969534



3750976



11392



0

Inverse Universe

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



8260916



10682424



7175693



4208956



8388652



0

Previews

White Background



This preview shows how the Decimal color 865406 looks on a white background.

Color Contrast Check

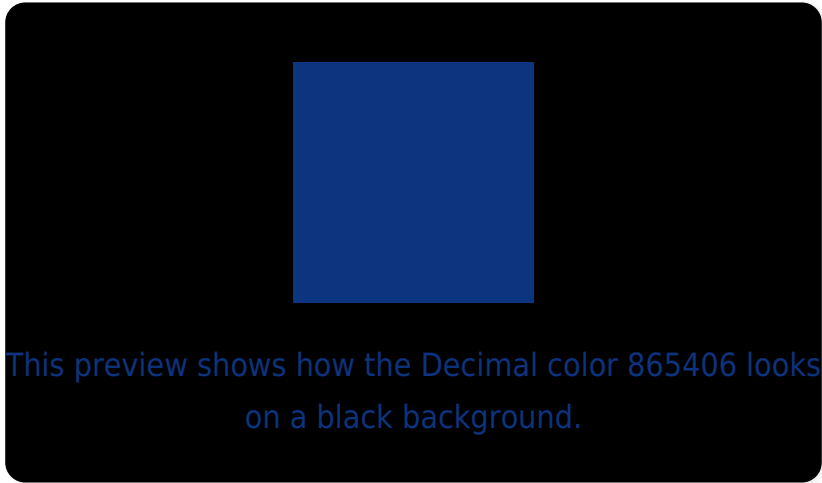
Large Text (above 18pt) WCAG AA ✓ Pass

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

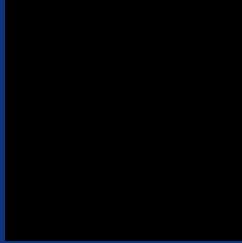
Any Text WCAG AA × Fail

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 865406 Background



This preview shows how black text looks on a background with the Decimal color 865406.



This preview shows how white text looks on a background with the Decimal color 865406.

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

865406

Protanopia

14196

Deuteranopia

15204



Tritanopia
16195

Trichromacy



Original Color
865406

Protanomaly
341624

Deuteranomaly
342125

Tritanomaly
342872

Monochromacy



Original Color
865406

Achromatopsia
3223857

Achromatomaly
2372173

CSS Examples

Text

The CSS property to change the color of the text to Decimal 865406 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 #0D347E looks like.

```
.text, #text, p{  
    color:#0D347E  
}
```

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 #0D347E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D347E
}
```

Border

The CSS property to change the border of an element to Decimal 865406 is called "border". The border property can be set on classes, ids or directly on the HTML element.

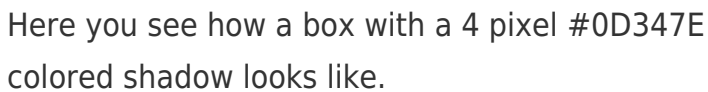
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0D347E }
```

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

```
.border{ border-color:#0D347E }
```

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



Here you see how a box with a 4 pixel #0D347E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D347E; -webkit-box-shadow:4px 4px  
4px 4px #0D347E; box-shadow:4px 4px 4px  
4px #0D347E }
```

Background

The CSS property to change the background color of an element to Decimal 865406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D347E }
```

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

```
.background{ background-color:#0D347E }
```

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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