

Converting Colors

Decimal(875172)

Have a look what the booklet for
Decimal(875172) contains.

Decimal(875172)	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(875172)

Conversions

Conversions Part 1

Format	Color
Hex	0D5AA4
RGB	13, 90, 164
RGB Percent	5%, 35%, 64%
CMY	0.9490, 0.6471, 0.3569
CMYK	0.92, 0.45, 0.00, 0.36
HSL	209°, 85%, 35%
HSV	209°, 92%, 64%
XYZ	10.5230, 10.0782, 36.5126
YIQ	75.4130, -69.6460, 6.6900

Conversions

Conversions Part 2

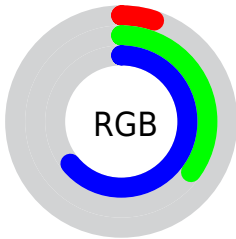
Format	Color
RYB	13, 64, 164
Decimal	875172
CIELab	37.98, 7.40, -45.88
CIElCh	38, 46.470, 279.169
Yxy	10.0782, 0.1842, 0.1765
Android (android.graphics.Color)	4279065252 (0xFF0D5AA4)
YUV	75.4130, 43.6734, -54.7362
Hunter-Lab	31.7462, 3.6118, -45.9695

Details

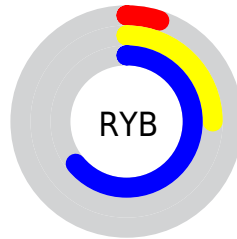
The Decimal color **875172** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **10770189**, and the grayscale version is **4934475**.

A 20% lighter version of the original color is **5934044**, and **11631** is the 20% darker color. If you saturate the color by 10%, you get **21668**, and if you desaturate by 10%, it is **1925796**.

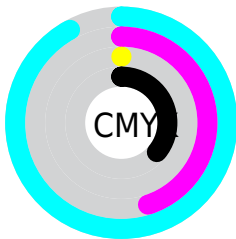
Distribution



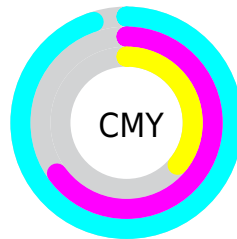
- Red (5%)
- Green (35%)
- Blue (64%)



- Red (5%)
- Yellow (25%)
- Blue (64%)



- Cyan (92%)
- Magenta (45%)
- Yellow (0%)
- Black (36%)



- Cyan (95%)
- Magenta (65%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 875172 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 875172 by changing the saturation by 10% instead.

■ 875172 ■ 875172

16777215 ■ 17289

■ 5934044 ■ 11631

■ 7907064 ■ 6743

■ 9814527 ■ 1599

■ 11787519 ■ 808

■ 13695487 ■ 274

■ 15663103 ■ 0

■ 875172 ■ 875172

■ 21668 ■ 1925796

■ 3041956

■ 4092580

■ 5208740

■ 6259364

■ 7309988

■ 8426148

■ 9476772

■ 10592932

Harmonies

Analogous

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



26016



875172



6900372

Triad

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



875172



9846316



26941

Complementary

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



875172



10770189

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.



3695641



875172



8474124

Square

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



875172



10302287



6380288



27492

Rectangle

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



875172



8732289



6380288



26673

Sweetspot

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



875172



10140118



894038



4675947



15461355



7039851

Same Dimension

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



875172



28118



856228



4804178



19089



2322

Inverse Universe

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



10751322



14024813



10789133



5392718



9502794



1179657

Previews

White Background



This preview shows how the Decimal color 875172 looks on a white background.

Color Contrast Check

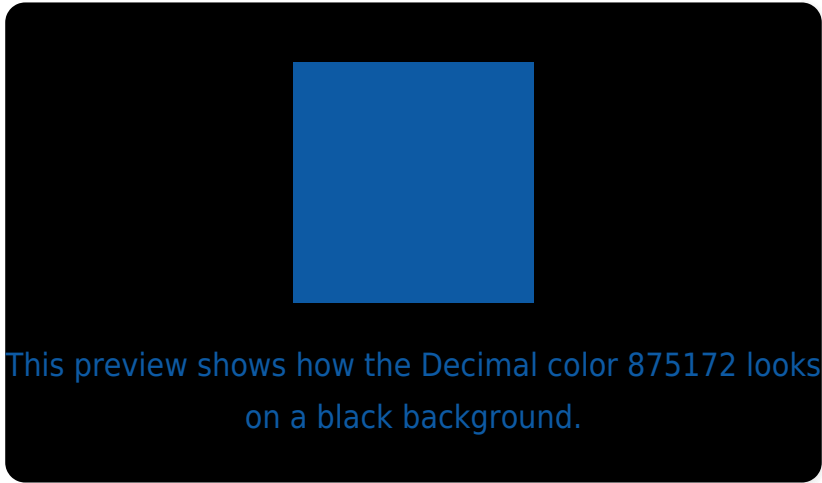
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

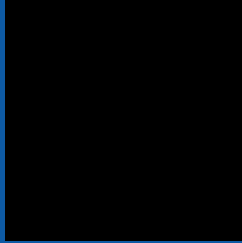
Any Text WCAG AA × Fail

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 875172 Background



This preview shows how black text looks on a background with the Decimal color 875172.

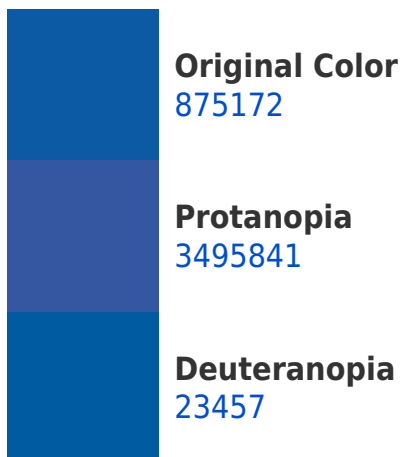


This preview shows how white text looks on a background with the Decimal color 875172.

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





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 875172 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 #0D5AA4 looks like.

```
.text, #text, p{  
    color:#0D5AA4  
}
```

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 #0D5AA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D5AA4
}
```

Border

The CSS property to change the border of an element to Decimal 875172 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
#0D5AA4 }
```

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

```
.border{ border-color:#0D5AA4 }
```

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

Here you see how a box with a 4 pixel #0D5AA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D5AA4; -webkit-box-shadow:4px 4px  
4px 4px #0D5AA4; box-shadow:4px 4px 4px  
4px #0D5AA4 }
```

Background

The CSS property to change the background color of an element to Decimal 875172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D5AA4 }
```

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

```
.background{ background-color:#0D5AA4 }
```

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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