

Converting Colors

Decimal(873013)

Have a look what the booklet for
Decimal(873013) contains.

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Color

Decimal(873013)

Conversions

Conversions Part 1

Format	Color
Hex	0D5235
RGB	13, 82, 53
RGB Percent	5%, 32%, 21%
CMY	0.9490, 0.6784, 0.7922
CMYK	0.84, 0.00, 0.35, 0.68
HSL	155°, 73%, 19%
HSV	155°, 84%, 32%
XYZ	3.8259, 6.3772, 4.3974
YIQ	58.0630, -31.8150, -23.6470

Conversions

Conversions Part 2

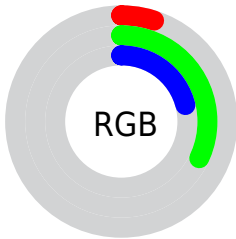
Format	Color
RYB	13, 57, 82
Decimal	873013
CIELab	30.34, -28.41, 11.29
CIELCh	30, 30.566, 158.331
Yxy	6.3772, 0.2620, 0.4368
Android (android.graphics.Color)	4279063093 (0xFF0D5235)
YUV	58.0630, -2.4961, -39.5203
Hunter-Lab	25.2531, -17.1500, 7.3527

Details

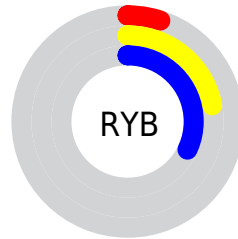
The Decimal color **873013** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5377322**, and the grayscale version is **3815994**.

A 20% lighter version of the original color is **4555876**, and **9481** is the 20% darker color. If you saturate the color by 10%, you get **348722**, and if you desaturate by 10%, it is **1397304**.

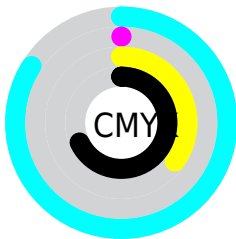
Distribution



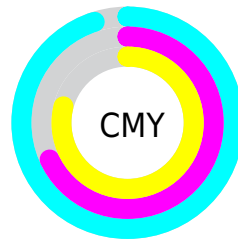
- Red (5%)
- Green (32%)
- Blue (21%)



- Red (5%)
- Yellow (22%)
- Blue (32%)



- Cyan (84%)
- Magenta (0%)
- Yellow (35%)
- Black (68%)



- Cyan (95%)
- Magenta (68%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 873013 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 873013 by changing the saturation by 10% instead.



873013



873013

16777215



14880



4555876



9481



6266749



512



7977623



0



9754289



11530957



13369321



15269887



873013



873013

■ 348722

■ 1397304

■ 21040

■ 1921596

■ 2511423

■ 3035715

■ 3560006

■ 4084298

■ 4608589

■ 5198417

■ 5722708

Harmonies

Analogous

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



3493408



873013



21326

Triad

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



873013



2639991



7354155

Complementary

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



873013



5377322

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.



7549506



873013



5389933

Square

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



873013



20339



6960730



6504474

Rectangle

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



873013



21341



6960730



7550258

Sweetspot

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



873013



5270368



2839053



2438703



11908533



3552822

Same Dimension

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



873013



27454



871762



2435367



26941



59527

Inverse Universe

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



5377322



7012397



5378573



2696486



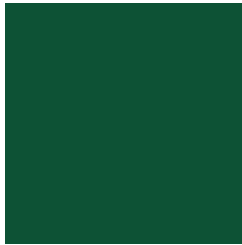
6881324



15204450

Previews

White Background



This preview shows how the Decimal color 873013 looks on a white background.

Color Contrast Check

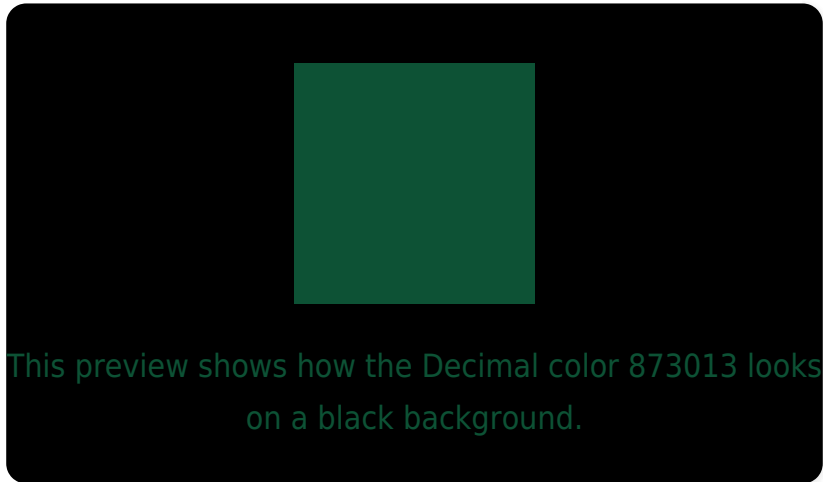
Large Text (above 18pt) WCAG AA ✓ Pass

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

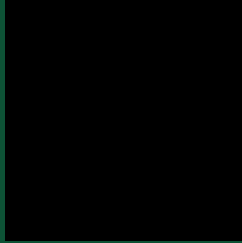
Any Text WCAG AA × Fail

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 873013 Background



This preview shows how black text looks on a background with the Decimal color 873013.



This preview shows how white text looks on a background with the Decimal color 873013.

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
873013

Protanopia
5064496

Deuteranopia
5457208

Trichromacy



Original Color
873013

Protanomaly
3558194

Deuteranomaly
3820087

Tritanomaly
1593161

Monochromacy



Original Color
873013

Achromatopsia
3815994

Achromatomaly
2769720

CSS Examples

Text

The CSS property to change the color of the text to Decimal 873013 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 #0D5235 looks like.

```
.text, #text, p{  
    color:#0D5235  
}
```

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 #0D5235 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D5235
}
```

Border

The CSS property to change the border of an element to Decimal 873013 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
#0D5235 }
```

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

```
.border{ border-color:#0D5235 }
```

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

Here you see how a box with a 4 pixel #0D5235 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D5235; -webkit-box-shadow:4px 4px  
4px 4px #0D5235; box-shadow:4px 4px 4px  
4px #0D5235 }
```

Background

The CSS property to change the background color of an element to Decimal 873013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D5235 }
```

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

```
.background{ background-color:#0D5235 }
```

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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