

Converting Colors

Decimal(282013)

Have a look what the booklet for
Decimal(282013) contains.

Decimal(282013)	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(282013)

Conversions

Conversions Part 1

Format	Color
Hex	044D9D
RGB	4, 77, 157
RGB Percent	2%, 30%, 62%
CMY	0.9843, 0.6980, 0.3843
CMYK	0.97, 0.51, 0.00, 0.38
HSL	211°, 95%, 32%
HSV	211°, 97%, 62%
XYZ	8.7898, 7.7679, 32.9344
YIQ	64.2930, -69.1880, 9.4040

Conversions

Conversions Part 2

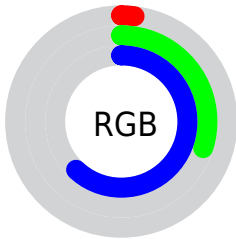
Format	Color
RYB	4, 53, 157
Decimal	282013
CIELab	33.49, 12.77, -48.92
CIELCh	33, 50.557, 284.629
Yxy	7.7679, 0.1776, 0.1570
Android (android.graphics.Color)	4278472093 (0xFF044D9D)
YUV	64.2930, 45.7046, -52.8770
Hunter-Lab	27.8709, 7.5200, -50.5518

Details

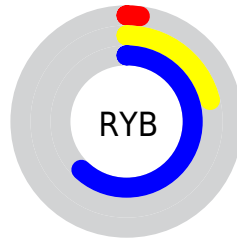
The Decimal color **282013** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **10310660**, and the grayscale version is **4210752**.

A 20% lighter version of the original color is **5668308**, and **8809** is the 20% darker color. If you saturate the color by 10%, you get **19357**, and if you desaturate by 10%, it is **1332637**.

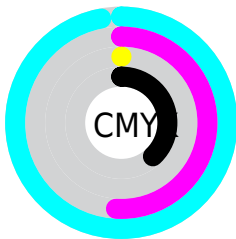
Distribution



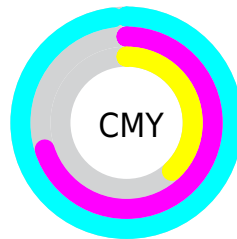
- Red (2%)
- Green (30%)
- Blue (62%)



- Red (2%)
- Yellow (21%)
- Blue (62%)



- Cyan (97%)
- Magenta (51%)
- Yellow (0%)
- Black (38%)



- Cyan (98%)
- Magenta (70%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 282013 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 282013 by changing the saturation by 10% instead.

■ 282013 ■ 282013

16777215 ■ 14210

■ 5668308 ■ 8809

■ 7641073 ■ 3408

■ 9548543 ■ 1336

■ 11455999 ■ 546

■ 13429247 ■ 8

■ 15335423 ■ 0

■ 282013 ■ 282013

■ 19357 ■ 1332637

■ 2317725

■ 3368605

■ 4419229

■ 5404317

■ 6454941

■ 7505565

■ 8556445

■ 9541533

Harmonies

Analogous

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



22940



282013



6830728

Triad

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



282013



9056791



24376

Complementary

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



282013



10310660

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.



1792780



282013



7423232

Square

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



282013



9773373



5133056



24930

Rectangle

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



282013



8596338



5133056



24106

Sweetspot

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



282013



9547212



302419



4346726



15132390



6710886

Same Dimension

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



282013



25036



459933



4672335



17551



1807

Inverse Universe

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



10290253



13369441



10132740



5195595



9371716



983047

Previews

White Background



This preview shows how the Decimal color 282013 looks on a white background.

Color Contrast Check

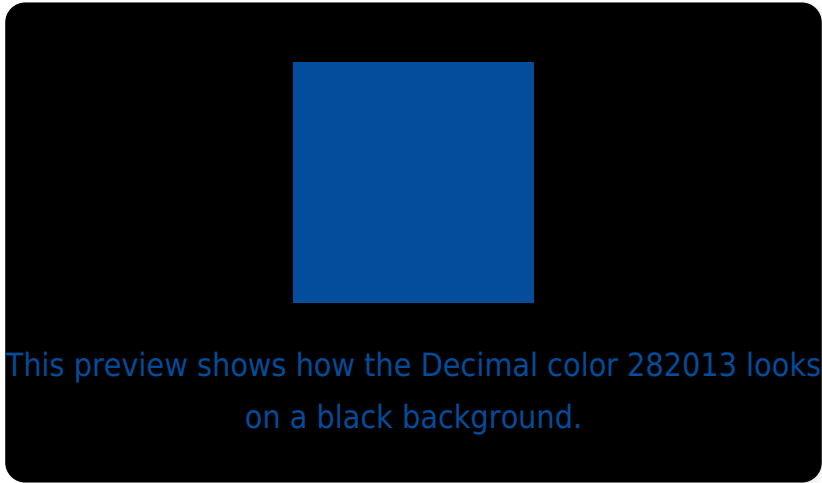
Large Text (above 18pt) WCAG AA ✓ Pass

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 282013 Background



This preview shows how black text looks on a background with the Decimal color 282013.



This preview shows how white text looks on a background with the Decimal color 282013.

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



Original Color
282013

Protanomaly
1264796

Deuteranomaly
86162

Tritanomaly
87156

Monochromacy



Original Color
282013

Achromatopsia
4210752

Achromatomaly
2770274

CSS Examples

Text

The CSS property to change the color of the text to Decimal 282013 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 #044D9D looks like.

```
.text, #text, p{  
    color:#044D9D  
}
```

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 #044D9D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #044D9D
}
```

Border

The CSS property to change the border of an element to Decimal 282013 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".

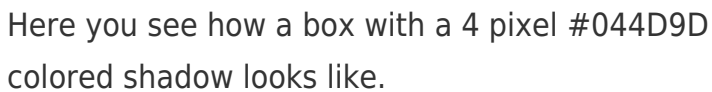
```
.border, #border, table{ border:4px solid
#044D9D }
```

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

```
.border{ border-color:#044D9D }
```

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

Here you see how a box with a 4 pixel #044D9D colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #044D9D; -webkit-box-shadow:4px 4px  
4px 4px #044D9D; box-shadow:4px 4px 4px  
4px #044D9D }
```

Background

The CSS property to change the background color of an element to Decimal 282013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#044D9D }
```

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

```
.background{ background-color:#044D9D }
```

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