

Converting Colors

Decimal(81576)

Have a look what the booklet for
Decimal(81576) contains.

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Color

Decimal(81576)

Conversions

Conversions Part 1

Format	Color
Hex	013EA8
RGB	1, 62, 168
RGB Percent	0%, 24%, 66%
CMY	0.9961, 0.7569, 0.3412
CMYK	0.99, 0.63, 0.00, 0.34
HSL	218°, 99%, 33%
HSV	218°, 99%, 66%
XYZ	8.8030, 6.2789, 37.7938
YIQ	55.8450, -70.3820, 20.0340

Conversions

Conversions Part 2

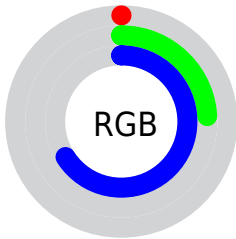
Format	Color
R_{YB}	1, 46, 168
Decimal	81576
CIE _{Lab}	30.11, 27.49, -61.06
CIE _{LCh}	30, 66.967, 294.238
Yxy	6.2789, 0.1665, 0.1187
Android (android.graphics.Color)	4278271656 (0xFF013EA8)
YUV	55.8450, 55.2924, -48.0991
Hunter-Lab	25.0576, 18.8581, -71.8851

Details

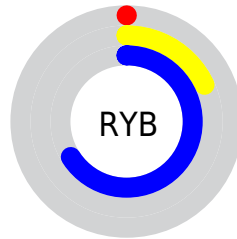
The Decimal color **81576** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **11037441**, and the grayscale version is **3618615**.

A 20% lighter version of the original color is **5926368**, and **5747** is the 20% darker color. If you saturate the color by 10%, you get **15784**, and if you desaturate by 10%, it is **1198504**.

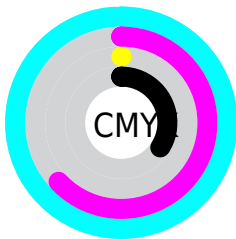
Distribution



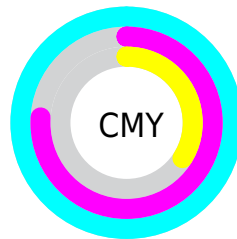
- Red (0%)
- Green (24%)
- Blue (66%)



- Red (0%)
- Yellow (18%)
- Blue (66%)



- Cyan (99%)
- Magenta (63%)
- Yellow (0%)
- Black (34%)



- Cyan (100%)
- Magenta (76%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 81576 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 81576 by changing the saturation by 10% instead.

■ 81576 ■ 81576

16777215 ■ 10637

■ 5926368 ■ 5747

■ 7964413 ■ 90

■ 9937151 ■ 1857

■ 11844607 ■ 810

■ 13817855 ■ 276

■ 15791103 ■ 0

■ 81576 ■ 81576

■ 15784 ■ 1198504

■ 2315176

■ 3366568

■ 4483496

■ 5600168

■ 6717096

■ 7834024

■ 8885160

■ 10002088

Harmonies

Analogous

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



20913



81576



7935621

Triad

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



81576



8725760



23099

Complementary

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



81576



11037441

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.



22272



81576



6308352

Square

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



81576



10158113



3035136



23409

Rectangle

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



81576



9568357



3035136



23080

Sweetspot

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



81576



10138331



108651



4609390



15592941



7237230

Same Dimension

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



81576



20699



1507752



5001044



13972



1812

Inverse Universe

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



11010366



14352464



9611265



5524559



9699382



1310727

Previews

White Background



This preview shows how the Decimal color 81576 looks on a white background.

Color Contrast Check

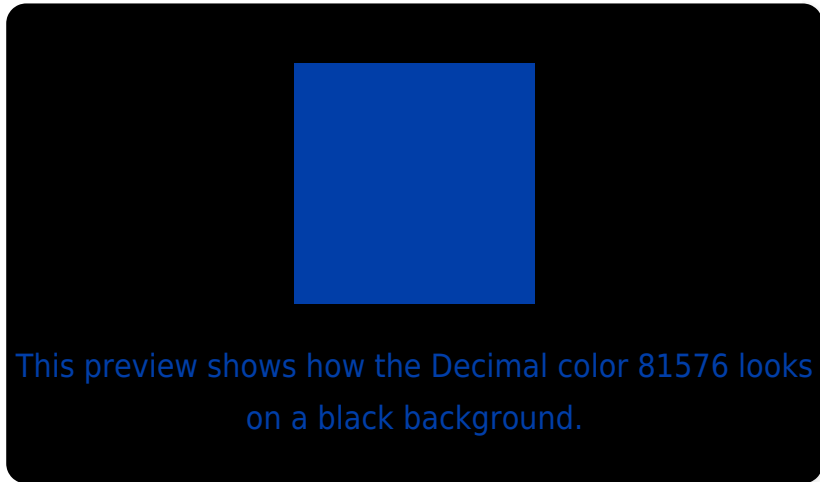
Large Text (above 18pt) WCAG AA ✓ Pass

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

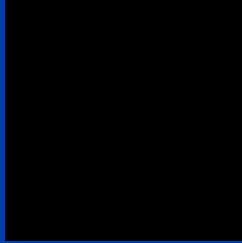
Any Text WCAG AA × Fail

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 81576 Background



This preview shows how black text looks on a background with the Decimal color 81576.



This preview shows how white text looks on a background with the Decimal color 81576.

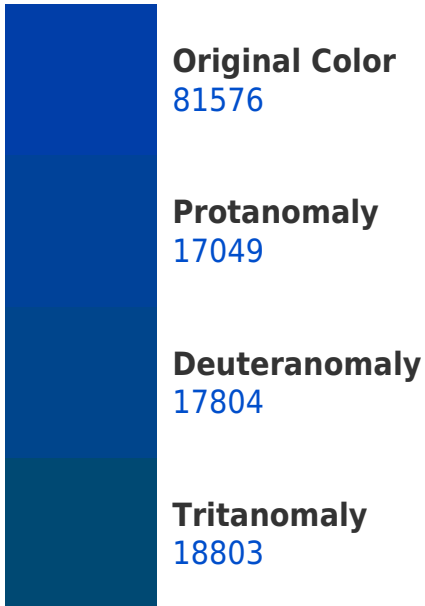
Color Blindness Simulation

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](#).

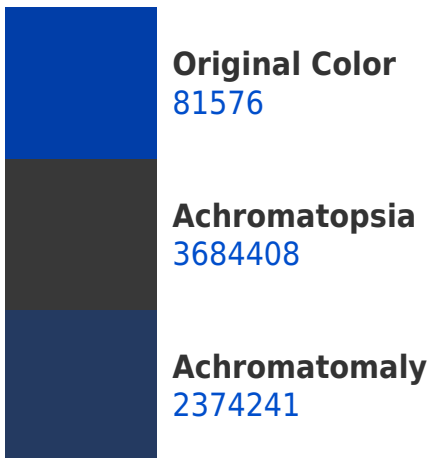
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 81576 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 #013EA8 looks like.

```
.text, #text, p{  
  color:#013EA8  
}
```

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 #013EA8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #013EA8
}
```

Border

The CSS property to change the border of an element to Decimal 81576 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
#013EA8 }
```

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

```
.border{ border-color:#013EA8 }
```

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

Here you see how a box with a 4 pixel #013EA8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #013EA8; -webkit-box-shadow:4px 4px  
4px 4px #013EA8; box-shadow:4px 4px 4px  
4px #013EA8 }
```

Background

The CSS property to change the background color of an element to Decimal 81576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#013EA8 }
```

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

```
.background{ background-color:#013EA8 }
```

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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