

Converting Colors

Decimal(1586024)

Have a look what the booklet for
Decimal(1586024) contains.

Decimal(1586024)	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(1586024)

Conversions

Conversions Part 1

Format	Color
Hex	183368
RGB	24, 51, 104
RGB Percent	9%, 20%, 41%
CMY	0.9059, 0.8000, 0.5922
CMYK	0.77, 0.51, 0.00, 0.59
HSL	220°, 62%, 25%
HSV	220°, 77%, 41%
XYZ	4.0592, 3.5613, 13.5702
YIQ	48.9690, -33.1050, 10.7590

Conversions

Conversions Part 2

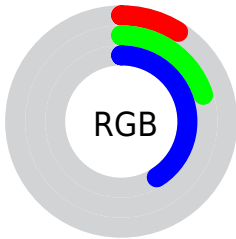
Format	Color
R_YB	24, 44, 104
Decimal	1586024
CIE _{Lab}	22.16, 10.27, -34.10
CIE _{LCh}	22, 35.613, 286.759
Yxy	3.5613, 0.1916, 0.1681
Android (android.graphics.Color)	4279776104 (0xFF183368)
YUV	48.9690, 27.1303, -21.8978
Hunter-Lab	18.8715, 5.3699, -29.4245

Details

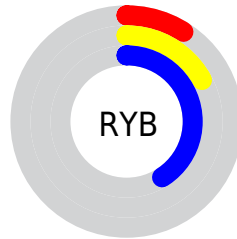
The Decimal color **1586024** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **6835480**, and the grayscale version is **3223857**.

A 20% lighter version of the original color is **5267868**, and **1336** is the 20% darker color. If you saturate the color by 10%, you get **928872**, and if you desaturate by 10%, it is **2243176**.

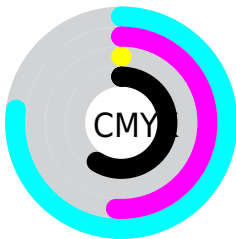
Distribution



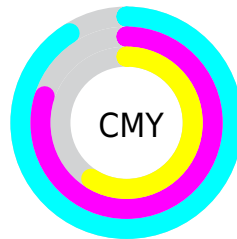
- Red (9%)
- Green (20%)
- Blue (41%)



- Red (9%)
- Yellow (17%)
- Blue (41%)



- Cyan (77%)
- Magenta (51%)
- Yellow (0%)
- Black (59%)



- Cyan (91%)
- Magenta (80%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 1586024 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 1586024 by changing the saturation by 10% instead.

■ 1586024

■ 1586024

16777215

■ 7760

■ 5267868

■ 1336

■ 6978231

■ 546

■ 8754131

■ 8

■ 10530543

■ 0

■ 12372479

■ 14280191

■ 16187391

■ 1586024

■ 1586024

■ 928872

■ 2243176

■ 206184

■ 2965864

■ 9064

■ 3623016

■ 4345704

■ 5002600

■ 5659752

■ 6382440

■ 7039592

■ 7762280

Harmonies

Analogous

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



15209



1586024



4728666

Triad

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



1586024



6038543



16424

Complementary

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



1586024



6835480

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.



1195533



1586024



4927232

Square

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



1586024



6560295



3422208



16708

Rectangle

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



1586024



5840458



3422208



16415

Sweetspot

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



1586024



6845319



1599564



3291205



12895428



4539717

Same Dimension

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



1586024



734599



2365544



3026995



10099



21234

Inverse Universe

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



6821939



8850229



6055960



3354160



7536679



15859794

Previews

White Background



This preview shows how the Decimal color 1586024 looks on a white background.

Color Contrast Check

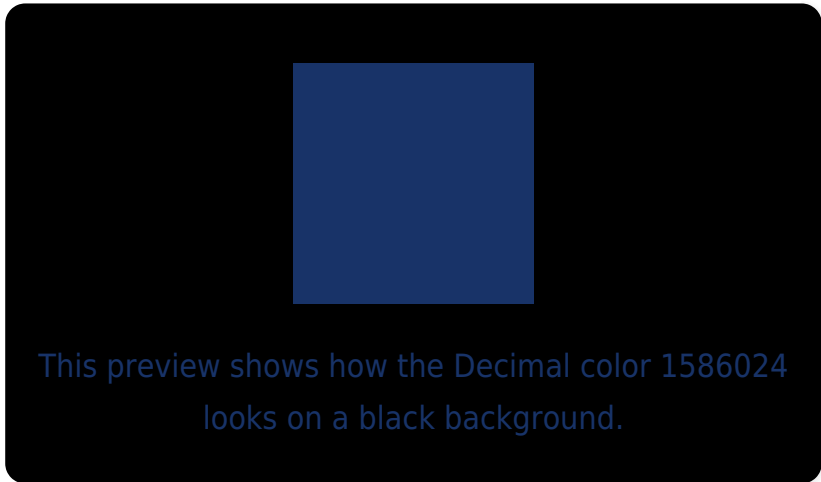
Large Text (above 18pt) WCAG AA ✓ Pass

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

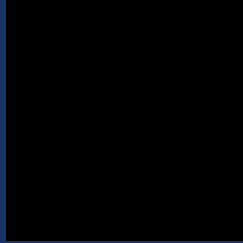
Any Text WCAG AA × Fail

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 1586024 Background



This preview shows how black text looks on a background with the Decimal color 1586024.



This preview shows how white text looks on a background with the Decimal color 1586024.

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

1586024

Protanopia

1323880

Deuteranopia

13919

Trichromacy



Original Color
1586024

Protanomaly
1389416

Deuteranomaly
603490

Tritanomaly
604238

Monochromacy



Original Color
1586024

Achromatopsia
3223857

Achromatomaly
2634309

CSS Examples

Text

The CSS property to change the color of the text to Decimal 1586024 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 #183368 looks like.

```
.text, #text, p{  
  color:#183368  
}
```

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 #183368 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #183368
}
```

Border

The CSS property to change the border of an element to Decimal 1586024 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
#183368 }
```

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

```
.border{ border-color:#183368 }
```

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

Here you see how a box with a 4 pixel #183368 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #183368; -webkit-box-shadow:4px 4px  
4px 4px #183368; box-shadow:4px 4px 4px  
4px #183368 }
```

Background

The CSS property to change the background color of an element to Decimal 1586024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#183368 }
```

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

```
.background{ background-color:#183368 }
```

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