

Converting Colors

Decimal(2326125)

Have a look what the booklet for
Decimal(2326125) contains.

Decimal(2326125)	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(2326125)

Conversions

Conversions Part 1

Format	Color
Hex	237E6D
RGB	35, 126, 109
RGB Percent	14%, 49%, 43%
CMY	0.8627, 0.5059, 0.5725
CMYK	0.72, 0.00, 0.13, 0.51
HSL	169°, 57%, 32%
HSV	169°, 72%, 49%
XYZ	10.9143, 16.3832, 17.0550
YIQ	96.8530, -48.7790, -24.5790

Conversions

Conversions Part 2

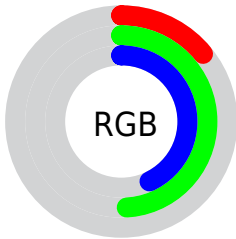
Format	Color
RYB	35, 85, 126
Decimal	2326125
CIELab	47.47, -30.56, 1.63
CIELCh	47, 30.607, 176.954
Yxy	16.3832, 0.2461, 0.3694
Android (android.graphics.Color)	4280516205 (0xFF237E6D)
YUV	96.8530, 5.9885, -54.2451
Hunter-Lab	40.4761, -22.7010, 3.3508

Details

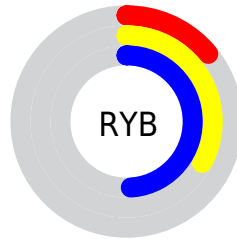
The Decimal color **2326125** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **8266548**, and the grayscale version is **6381921**.

A 20% lighter version of the original color is **6206368**, and **19518** is the 20% darker color. If you saturate the color by 10%, you get **1474155**, and if you desaturate by 10%, it is **3178095**.

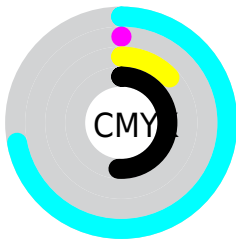
Distribution



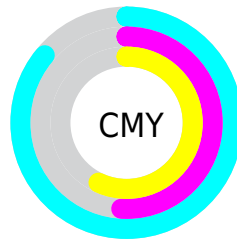
- Red (14%)
- Green (49%)
- Blue (43%)



- Red (14%)
- Yellow (33%)
- Blue (49%)



- Cyan (72%)
- Magenta (0%)
- Yellow (13%)
- Black (51%)



- Cyan (86%)
- Magenta (51%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2326125 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 2326125 by changing the saturation by 10% instead.

■ 2326125

■ 2326125

16777215

■ 25941

■ 6206368

■ 19518

■ 7983035

■ 13608

■ 9825239

■ 8467

■ 11665396

■ 0

■ 13565951

■ 15466495

■ 2326125

■ 2326125

■ 1474155

■ 3178095

■ 687720

■ 3964530

■ 32358

■ 4816500

■ 5602934

■ 6454905

■ 7306875

■ 8093309

■ 8945280

■ 9731714

Harmonies

Analogous

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



4946772



2326125



32391

Triad

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



2326125



7302046



9921862

Complementary

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



2326125



8266548

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.



10640987



2326125



9331341

Square

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



2326125



4486308



10443892



8613437

Rectangle

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



2326125



31894



10443892



10248780

Sweetspot

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



2326125



8364956



3505699



3953230



13750737



5395026

Same Dimension

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



2326125



1418121



2319230



3751999



32872



0

Inverse Universe

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



8266548



10687792



8273443



4208955



8388632



0

Previews

White Background



This preview shows how the Decimal color 2326125 looks on a white background.

Color Contrast Check

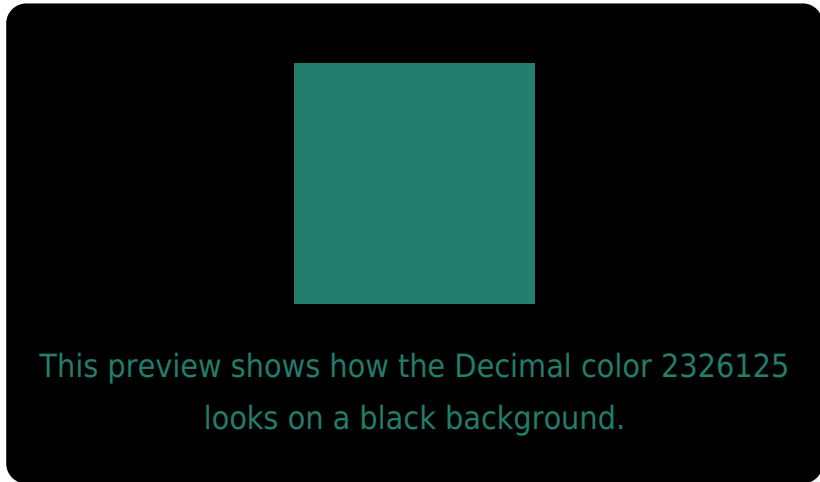
Large Text (above 18pt) WCAG AA ✓ Pass

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

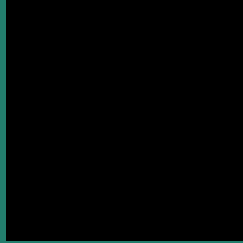
Any Text WCAG AA × Fail

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 2326125 Background



This preview shows how black text looks on a background with the Decimal color 2326125.

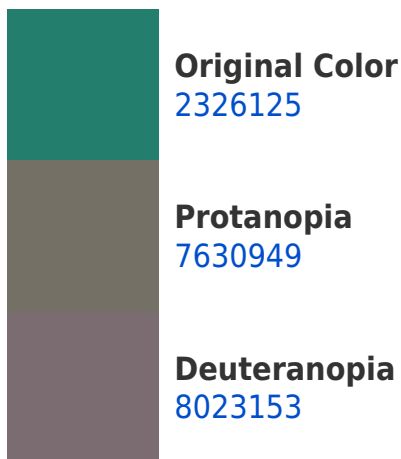


This preview shows how white text looks on a background with the Decimal color 2326125.

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



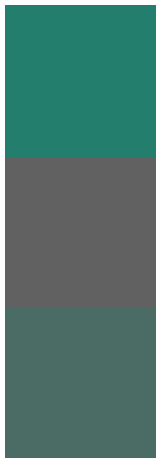
Original Color
2326125

Protanomaly
5731688

Deuteranomaly
5927792

Tritanomaly
2849916

Monochromacy



Original Color
2326125

Achromatopsia
6381921

Achromatomaly
4877413

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2326125 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 #237E6D looks like.

```
.text, #text, p{  
  color:#237E6D  
}
```

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 #237E6D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #237E6D
}
```

Border

The CSS property to change the border of an element to Decimal 2326125 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
#237E6D }
```

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

```
.border{ border-color:#237E6D }
```

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

Here you see how a box with a 4 pixel #237E6D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #237E6D; -webkit-box-shadow:4px 4px  
4px 4px #237E6D; box-shadow:4px 4px 4px  
4px #237E6D }
```

Background

The CSS property to change the background color of an element to Decimal 2326125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#237E6D }
```

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

```
.background{ background-color:#237E6D }
```

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