

Converting Colors

Decimal(2316126)

Have a look what the booklet for
Decimal(2316126) contains.

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Color

Decimal(2316126)

Conversions

Conversions Part 1

Format	Color
Hex	23575E
RGB	35, 87, 94
RGB Percent	14%, 34%, 37%
CMY	0.8627, 0.6588, 0.6314
CMYK	0.63, 0.07, 0.00, 0.63
HSL	187°, 46%, 25%
HSV	187°, 63%, 37%
XYZ	6.1217, 7.9819, 11.8077
YIQ	72.2500, -33.2390, -8.8470

Conversions

Conversions Part 2

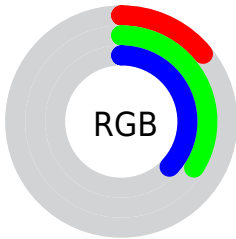
Format	Color
R_{YB}	35, 63, 94
Decimal	2316126
CIE _{Lab}	33.95, -14.86, -9.26
CIE _{LCh}	34, 17.508, 211.940
Yxy	7.9819, 0.2363, 0.3080
Android (android.graphics.Color)	4280506206 (0xFF23575E)
YUV	72.2500, 10.7227, -32.6683
Hunter-Lab	28.2522, -10.7638, -5.0030




Details

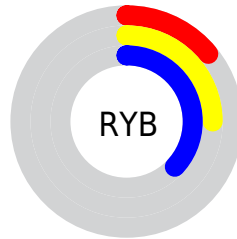
The Decimal color **2316126** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6171171**, and the grayscale version is **4737096**.




A 20% lighter version of the original color is **5736848**, and **10544** is the 20% darker color. If you saturate the color by 10%, you get **1726046**, and if you desaturate by 10%, it is **2906206**.

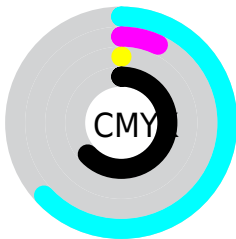
Distribution







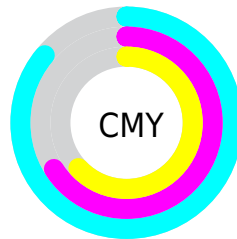
-  Red (14%)
-  Green (34%)
-  Blue (37%)






-  Red (14%)
-  Yellow (25%)
-  Blue (37%)



-  Cyan (63%)
-  Magenta (7%)
-  Yellow (0%)
-  Black (63%)



-  Cyan (86%)
-  Magenta (66%)
-  Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2316126 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 2316126 by changing the saturation by 10% instead.



2316126



2316126

16777215



213062



5736848



10544



7447467



5659



9158342



0



10935010



12777471



14680063



16580607



2316126



2316126

■ 1726046

■ 2906206

■ 1070430

■ 3561822

■ 480350

■ 4151902

■ 21342

■ 4807518

■ 5397854

■ 5987934

■ 6643550

■ 7233630

■ 7889246

Harmonies

Analogous

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



2840400



2316126



2905448

Triad

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



2316126



6441053



5852980

Complementary

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



2316126



6171171

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.



6572856



2316126



7030095

Square

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



2316126



5459047



7030594



4870968

Rectangle

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



2316126



3691115



7030594



6114868

Sweetspot

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



2316126



6518906



2317866



3095613



12434877



4013373

Same Dimension

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



2316126



2060410



2308702



2698542



24942



53741

Inverse Universe

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



6169431



8003440



6178595



3025197



7209057



15532241

Previews

White Background



This preview shows how the Decimal color 2316126 looks on a white background.

Color Contrast Check

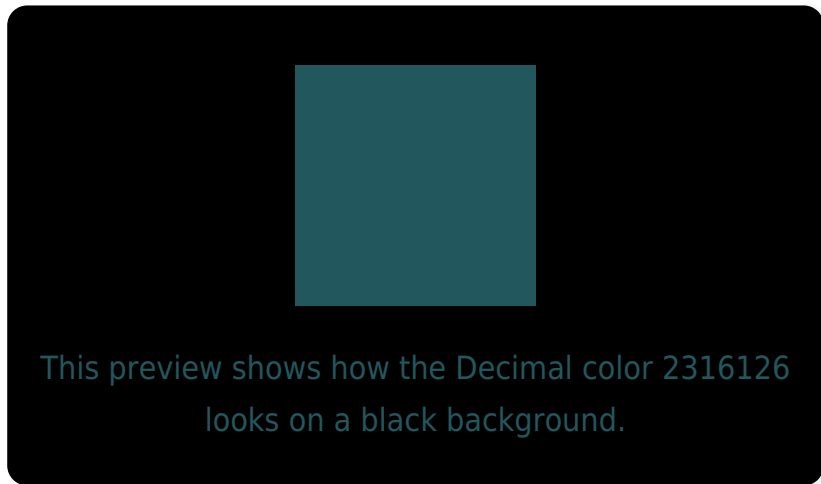
Large Text (above 18pt) WCAG AA ✓ Pass

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

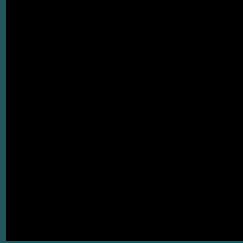
Any Text WCAG AA × Fail

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 2316126 Background



This preview shows how black text looks on a background with the Decimal color 2316126.



This preview shows how white text looks on a background with the Decimal color 2316126.

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

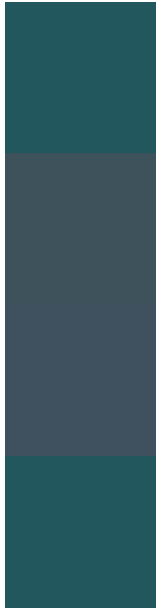


Original Color
2316126

Protanopia
5132121

Deuteranopia
5197408

Trichromacy



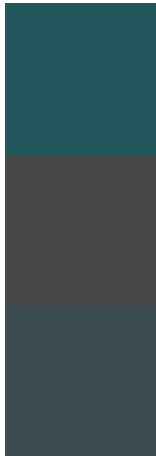
Original Color
2316126

Protanomaly
4084315

Deuteranomaly
4149599

Tritanomaly
2316126

Monochromacy



Original Color
2316126

Achromatopsia
4737096

Achromatomaly
3886416

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2316126 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 #23575E looks like.

```
.text, #text, p{  
    color:#23575E  
}
```

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 #23575E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23575E
}
```

Border

The CSS property to change the border of an element to Decimal 2316126 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
#23575E }
```

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

```
.border{ border-color:#23575E }
```

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

Here you see how a box with a 4 pixel #23575E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23575E; -webkit-box-shadow:4px 4px  
4px 4px #23575E; box-shadow:4px 4px 4px  
4px #23575E }
```

Background

The CSS property to change the background color of an element to Decimal 2316126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23575E }
```

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

```
.background{ background-color:#23575E }
```

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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