

Converting Colors

Decimal(36513)

Have a look what the booklet for
Decimal(36513) contains.

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Color

Decimal(36513)

Conversions

Conversions Part 1

Format	Color
Hex	008EA1
RGB	0, 142, 161
RGB Percent	0%, 56%, 63%
CMY	1.0000, 0.4431, 0.3686
CMYK	1.00, 0.12, 0.00, 0.37
HSL	187°, 100%, 32%
HSV	187°, 100%, 63%
XYZ	16.1060, 21.9192, 37.1002
YIQ	101.7080, -90.7310, -24.1950

Conversions

Conversions Part 2

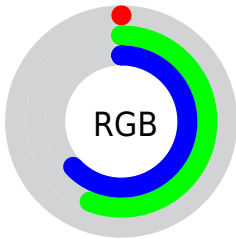
Format	Color
RYB	0, 75, 161
Decimal	36513
CIELab	53.94, -24.78, -19.10
CIELCh	54, 31.292, 217.623
Yxy	21.9192, 0.2144, 0.2918
Android (android.graphics.Color)	4278226593 (0xFF008EA1)
YUV	101.7080, 29.2310, -89.1979
Hunter-Lab	46.8180, -20.5250, -14.2109

Details

The Decimal color **36513** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **10556160**, and the grayscale version is **6645093**.

A 20% lighter version of the original color is **5948632**, and **23405** is the 20% darker color. If you saturate the color by 10%, you get **36513**, and if you desaturate by 10%, it is **1085601**.

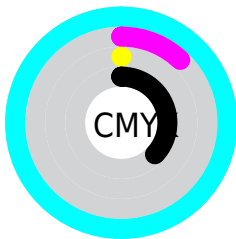
Distribution



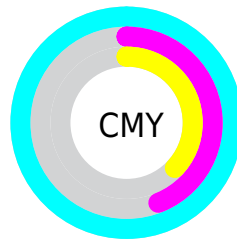
- Red (0%)
- Green (56%)
- Blue (63%)



- Red (0%)
- Yellow (29%)
- Blue (63%)



- Cyan (100%)
- Magenta (12%)
- Yellow (0%)
- Black (37%)



- Cyan (100%)
- Magenta (44%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 36513 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 36513 by changing the saturation by 10% instead.

 36513	 36513
 16777215	 29831
 5948632	 23405
 7987444	 17237
 9895423	 11582
 11862015	 6184
 13828095	 275
 15794175	 0

 36513

 1085601

■ 2134689

■ 3183777

■ 4232865

■ 5347489

■ 6396321

■ 7445409

■ 8494497

■ 9543585

Harmonies

Analogous

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



2461575



36513



3443122

Triad

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



36513



11038614



9208395

Complementary

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



36513



10556160

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.



10778703



36513



11889787

Square

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



36513



9271212



11694177



7309653

Rectangle

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



36513



5604534



11694177



9797451

Sweetspot

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



36513



9620177



41235



4416617



15263976



6908265

Same Dimension

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



36513



47313



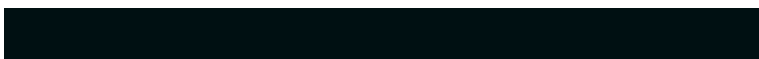
16033



4804946



32913



4114

Inverse Universe

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



10551438



13697208



10576640



5392721



9502848



1179664

Previews

White Background



This preview shows how the Decimal color 36513 looks on a white background.

Color Contrast Check

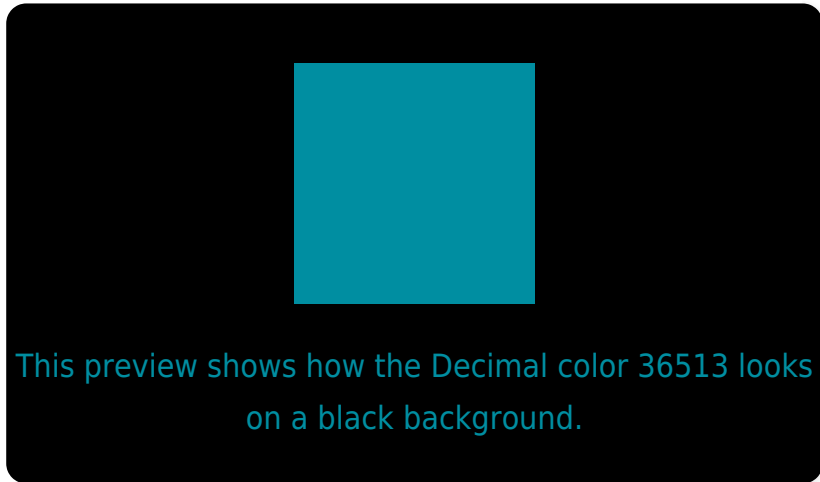
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

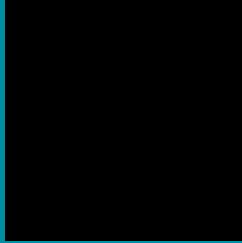
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

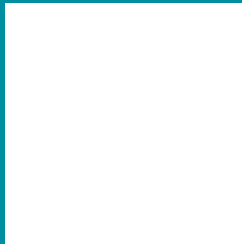
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 36513 Background



This preview shows how black text looks on a background with the Decimal color 36513.

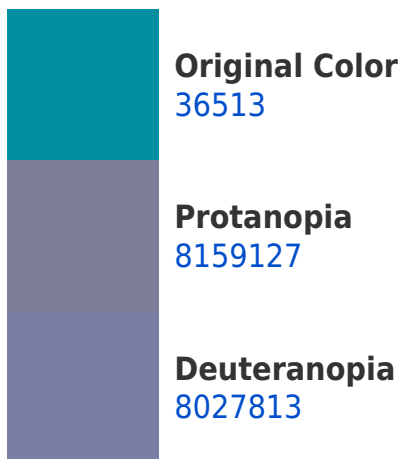


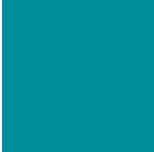
This preview shows how white text looks on a background with the Decimal color 36513.

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](#).

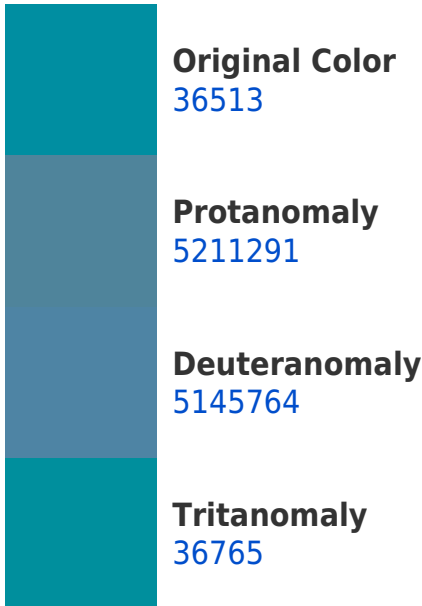
Dichromacy



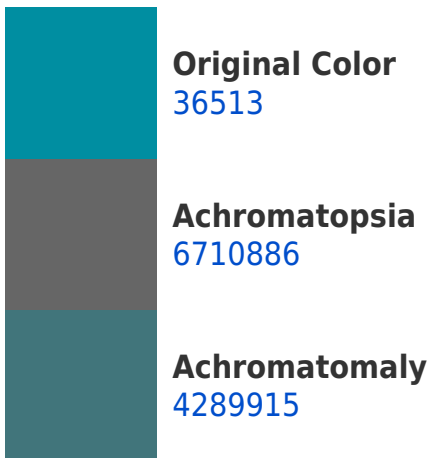


Tritanopia
36762

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 36513 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 #008EA1 looks like.

```
.text, #text, p{  
    color:#008EA1  
}
```

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 #008EA1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008EA1
}
```

Border

The CSS property to change the border of an element to Decimal 36513 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
#008EA1 }
```

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

```
.border{ border-color:#008EA1 }
```

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

Here you see how a box with a 4 pixel #008EA1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008EA1; -webkit-box-shadow:4px 4px  
4px 4px #008EA1; box-shadow:4px 4px 4px  
4px #008EA1 }
```

Background

The CSS property to change the background color of an element to Decimal 36513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008EA1 }
```

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

```
.background{ background-color:#008EA1 }
```

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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