

Converting Colors

Decimal(34725)

Have a look what the booklet for
Decimal(34725) contains.

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Color

Decimal(34725)

Conversions

Conversions Part 1

Format	Color
Hex	0087A5
RGB	0, 135, 165
RGB Percent	0%, 53%, 65%
CMY	1.0000, 0.4706, 0.3529
CMYK	1.00, 0.18, 0.00, 0.35
HSL	191°, 100%, 32%
HSV	191°, 100%, 65%
XYZ	15.4555, 20.0446, 38.6517
YIQ	98.0550, -90.0900, -19.2900

Conversions

Conversions Part 2

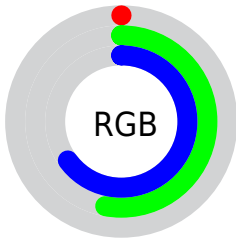
Format	Color
RYB	0, 74, 165
Decimal	34725
CIELab	51.89, -19.71, -24.56
CIELCh	52, 31.494, 231.258
Yxy	20.0446, 0.2084, 0.2703
Android (android.graphics.Color)	4278224805 (0xFF0087A5)
YUV	98.0550, 33.0039, -85.9942
Hunter-Lab	44.7711, -16.7293, -19.8463

Details

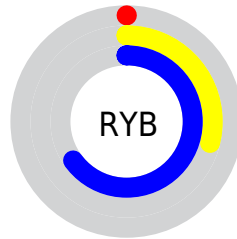
The Decimal color **34725** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **10821120**, and the grayscale version is **6447714**.

A 20% lighter version of the original color is **5946588**, and **21873** is the 20% darker color. If you saturate the color by 10%, you get **34725**, and if you desaturate by 10%, it is **1084069**.

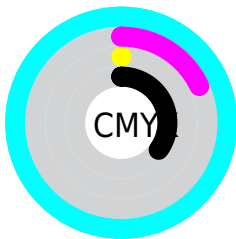
Distribution



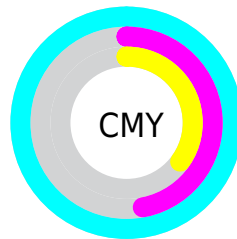
- Red (0%)
- Green (53%)
- Blue (65%)



- Red (0%)
- Yellow (29%)
- Blue (65%)



- Cyan (100%)
- Magenta (18%)
- Yellow (0%)
- Black (35%)










- Cyan (100%)
- Magenta (47%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 34725 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 34725 by changing the saturation by 10% instead.

 34725	 34725
 16777215	 28299
 5946588	 21873
 7919865	 15960
 9893375	 10305
 11862015	 3883
 13828095	 278
 15794175	 0

 34725

 1084069

■ 2198949

■ 3313829

■ 4363173

■ 5412517

■ 6527397

■ 7576741

■ 8691621

■ 9740965

Harmonies

Analogous

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



35470



34725



455185

Triad

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



34725



11233157



8028232

Complementary

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



34725



10821120

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.



9729862



34725



11560810

Square

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



34725



9858718



10972755



5998169

Rectangle

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



34725



6650800



10972755



8617286

Sweetspot

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



34725



9882582



42267



4547691



15461355



7039851

Same Dimension

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



34725



45014



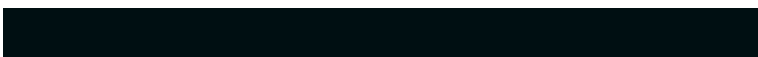
14245



4804690



30609



3858

Inverse Universe

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



10813575



14024879



10841600



5392720



9502839



1179663

Previews

White Background



This preview shows how the Decimal color 34725 looks on a white background.

Color Contrast Check

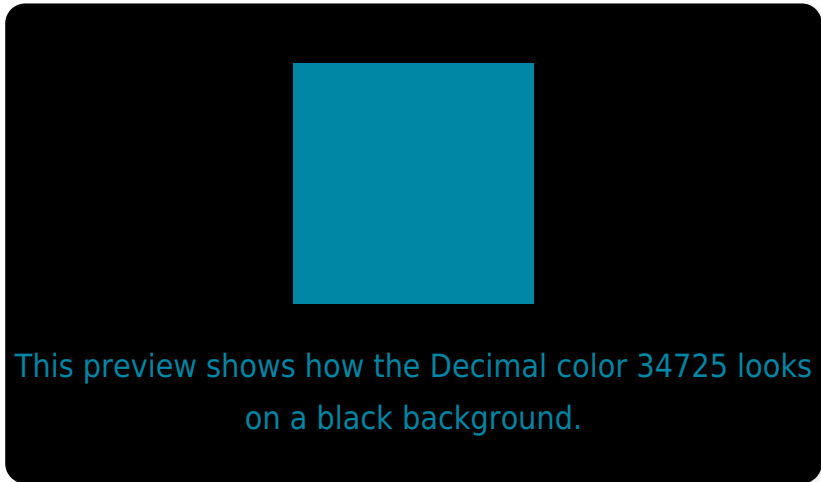
Large Text (above 18pt) WCAG AA ✓ Pass

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

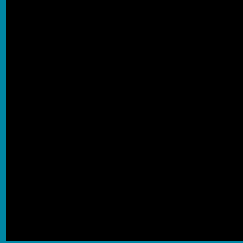
Any Text WCAG AA ✓ Pass

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 34725 Background



This preview shows how black text looks on a background with the Decimal color 34725.

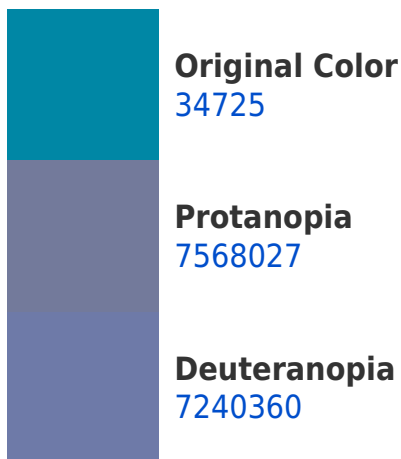


This preview shows how white text looks on a background with the Decimal color 34725.

Color Blindness Simulation

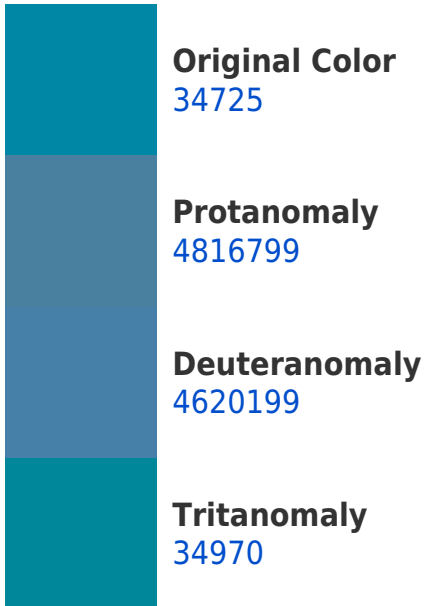
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 34725 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 #0087A5 looks like.

```
.text, #text, p{  
    color:#0087A5  
}
```

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 #0087A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0087A5
}
```

Border

The CSS property to change the border of an element to Decimal 34725 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
#0087A5 }
```

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

```
.border{ border-color:#0087A5 }
```

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

Here you see how a box with a 4 pixel #0087A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0087A5; -webkit-box-shadow:4px 4px  
4px 4px #0087A5; box-shadow:4px 4px 4px  
4px #0087A5 }
```

Background

The CSS property to change the background color of an element to Decimal 34725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0087A5 }
```

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

```
.background{ background-color:#0087A5 }
```

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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