

Converting Colors

Decimal(556960)

Have a look what the booklet for
Decimal(556960) contains.

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Color

Decimal(556960)

Conversions

Conversions Part 1

Format	Color
Hex	087FA0
RGB	8, 127, 160
RGB Percent	3%, 50%, 63%
CMY	0.9686, 0.5020, 0.3725
CMYK	0.95, 0.21, 0.00, 0.37
HSL	193°, 90%, 33%
HSV	193°, 95%, 63%
XYZ	14.0347, 17.7684, 35.9477
YIQ	95.1810, -81.5170, -14.9650

Conversions

Conversions Part 2

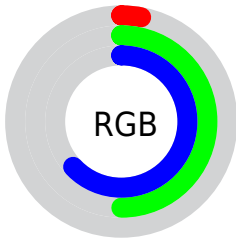
Format	Color
RYB	8, 75, 160
Decimal	556960
CIELab	49.21, -16.82, -25.79
CIELCh	49, 30.791, 236.891
Yxy	17.7684, 0.2072, 0.2623
Android (android.graphics.Color)	4278747040 (0xFF087FA0)
YUV	95.1810, 31.9558, -76.4577
Hunter-Lab	42.1526, -14.3357, -21.0555

Details

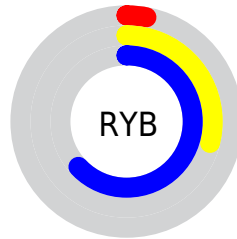
The Decimal color **556960** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **10496264**, and the grayscale version is **6250335**.

A 20% lighter version of the original color is **5944535**, and **20076** is the 20% darker color. If you saturate the color by 10%, you get **32160**, and if you desaturate by 10%, it is **1606304**.

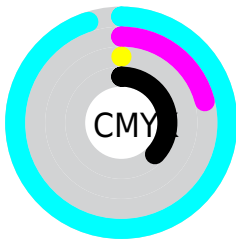
Distribution



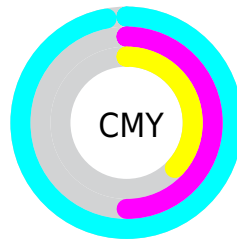
- Red (3%)
- Green (50%)
- Blue (63%)



- Red (3%)
- Yellow (29%)
- Blue (63%)



- Cyan (95%)
- Magenta (21%)
- Yellow (0%)
- Black (37%)



- Cyan (97%)
- Magenta (50%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 556960 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 556960 by changing the saturation by 10% instead.

■ 556960 ■ 556960

16777215 ■ 26246

■ 5944535 ■ 20076

■ 7917555 ■ 14164

■ 9825535 ■ 8765

■ 11796479 ■ 807

■ 13697023 ■ 272

■ 15663103 ■ 0

■ 556960 ■ 556960

■ 32160 ■ 1606304

■ 2655904

■ 3705248

■ 4754848

■ 5804192

■ 6853792

■ 7903136

■ 8952736

■ 10002080

Harmonies

Analogous

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



33420



556960



4749481

Triad

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



556960



10772857



7240261

Complementary

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



556960



10496264

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.



8942144



556960



10969695

Square

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



556960



9660050



10250570



5210200

Rectangle

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



556960



6714023



10250570



7829570

Sweetspot

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



556960



9749713



565289



4481385



15263976



6908265

Same Dimension

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



556960



42193



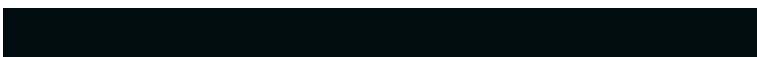
537504



4672847



28815



3087

Inverse Universe

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



10487935



13697188



10515720



5195597



9371760



983052

Previews

White Background



This preview shows how the Decimal color 556960 looks on a white background.

Color Contrast Check

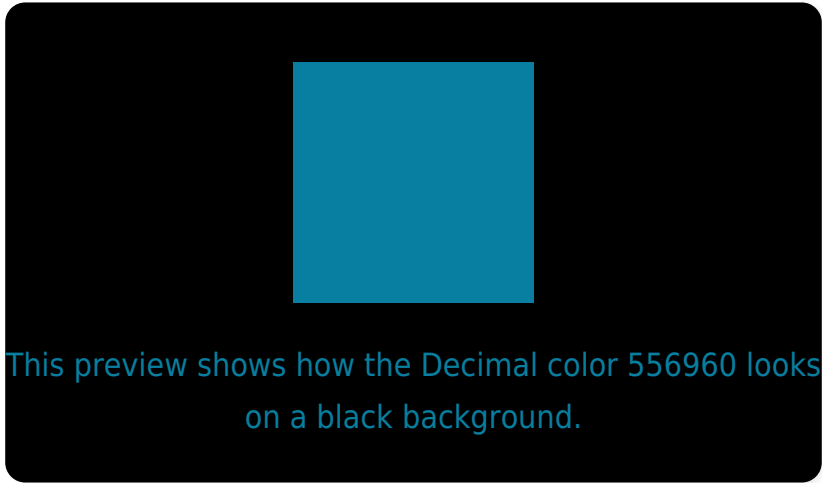
Large Text (above 18pt) WCAG AA ✓ Pass

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

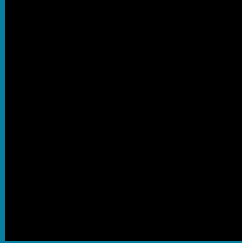
Any Text WCAG AA ✓ Pass

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 556960 Background



This preview shows how black text looks on a background with the Decimal color 556960.

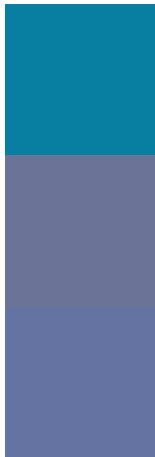


This preview shows how white text looks on a background with the Decimal color 556960.

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
556960

Protanopia
704193

Deuteranopia
6648739



Trichromacy



Original Color
556960

Protanomaly
4683674

Deuteranomaly
4421538

Tritanomaly
229779

Monochromacy



Original Color
556960

Achromatopsia
6250335

Achromatomaly
4156279

CSS Examples

Text

The CSS property to change the color of the text to Decimal 556960 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 #087FA0 looks like.

```
.text, #text, p{  
    color:#087FA0  
}
```

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 #087FA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #087FA0
}
```

Border

The CSS property to change the border of an element to Decimal 556960 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
#087FA0 }
```

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

```
.border{ border-color:#087FA0 }
```

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

Here you see how a box with a 4 pixel #087FA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #087FA0; -webkit-box-shadow:4px 4px  
4px 4px #087FA0; box-shadow:4px 4px 4px  
4px #087FA0 }
```

Background

The CSS property to change the background color of an element to Decimal 556960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#087FA0 }
```

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

```
.background{ background-color:#087FA0 }
```

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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