

Converting Colors

Decimal(613240)

Have a look what the booklet for
Decimal(613240) contains.

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Color

Decimal(613240)

Conversions

Conversions Part 1

Format	Color
Hex	095B78
RGB	9, 91, 120
RGB Percent	4%, 36%, 47%
CMY	0.9647, 0.6431, 0.5294
CMYK	0.93, 0.24, 0.00, 0.53
HSL	196°, 86%, 25%
HSV	196°, 92%, 47%
XYZ	7.2439, 8.8963, 19.1047
YIQ	69.7880, -58.1810, -8.3650

Conversions

Conversions Part 2

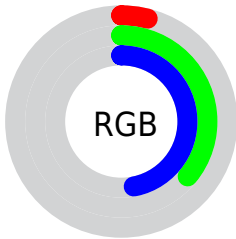
Format	Color
RYB	9, 56, 120
Decimal	613240
CIELab	35.78, -11.22, -22.68
CIELCh	36, 25.306, 243.689
Yxy	8.8963, 0.2055, 0.2524
Android (android.graphics.Color)	4278803320 (0xFF095B78)
YUV	69.7880, 24.7545, -53.3111
Hunter-Lab	29.8267, -8.8450, -17.0979

Details

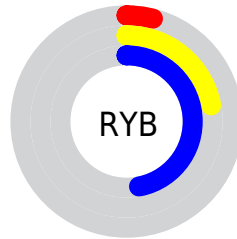
The Decimal color **613240** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **7874057**, and the grayscale version is **4605510**.

A 20% lighter version of the original color is **5148076**, and **11591** is the 20% darker color. If you saturate the color by 10%, you get **22904**, and if you desaturate by 10%, it is **1400440**.

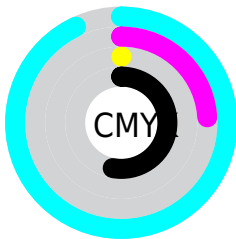
Distribution



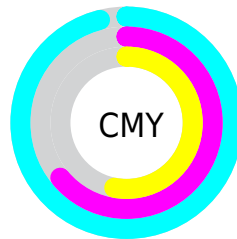
- Red (4%)
- Green (36%)
- Blue (47%)



- Red (4%)
- Yellow (22%)
- Blue (47%)



- Cyan (93%)
- Magenta (24%)
- Yellow (0%)
- Black (53%)



- Cyan (96%)
- Magenta (64%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 613240 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 613240 by changing the saturation by 10% instead.

613240 613240

16777215 17503

5148076 11591

6990024 6449

8766436 284

10608639 0

12516351

14417919

16318463

613240 613240

■ 22904

■ 1400440

■ 2187640

■ 2974840

■ 3762296

■ 4549496

■ 5336696

■ 6123896

■ 6911096

■ 7698296

Harmonies

Analogous

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



24170



613240



3757436

Triad

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



613240



8012882



4807218

Complementary

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



613240



7874057

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.



6247467



613240



8013375

Square

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



613240



7358310



7359792



3169602

Rectangle

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



613240



5263737



7359792



5330990

Sweetspot

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



613240



7377052



620581



3426383



13619151



5197647

Same Dimension

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



613240



29596



599416



3619901



23677



47868

Inverse Universe

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



7866715



10223731



7887881



4011836



8192092



16515258

Previews

White Background



This preview shows how the Decimal color 613240 looks on a white background.

Color Contrast Check

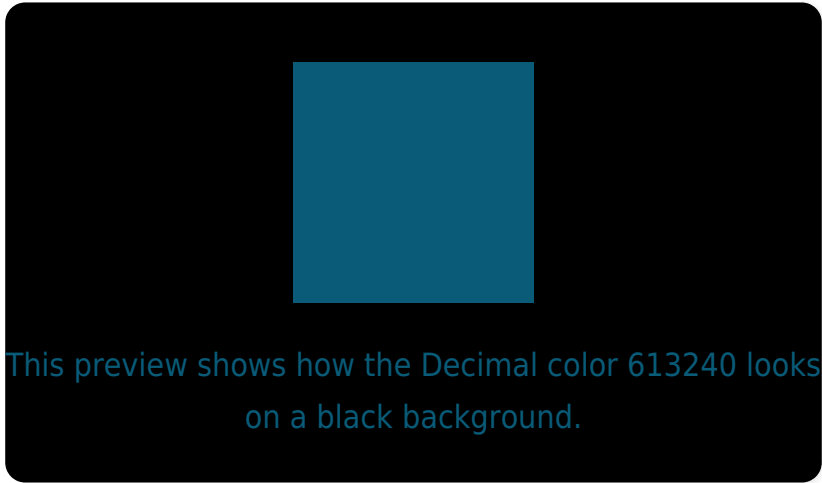
Large Text (above 18pt) WCAG AA ✓ Pass

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

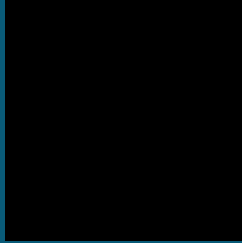
Any Text WCAG AA × Fail

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 613240 Background



This preview shows how black text looks on a background with the Decimal color 613240.

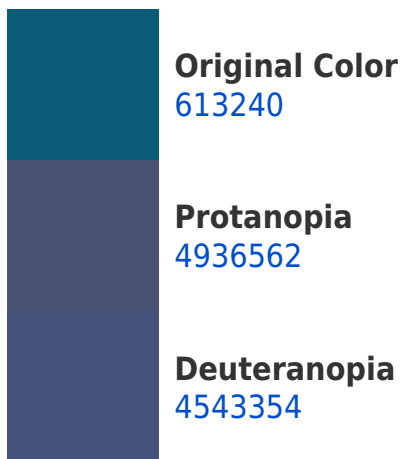


This preview shows how white text looks on a background with the Decimal color 613240.

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
613240

Protanomaly
3364468

Deuteranomaly
3102329

Tritanomaly
220268

Monochromacy



Original Color
613240

Achromatopsia
4605510

Achromatomaly
3165784

CSS Examples

Text

The CSS property to change the color of the text to Decimal 613240 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 #095B78 looks like.

```
.text, #text, p{  
    color:#095B78  
}
```

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 #095B78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #095B78
}
```

Border

The CSS property to change the border of an element to Decimal 613240 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
#095B78 }
```

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

```
.border{ border-color:#095B78 }
```

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

Here you see how a box with a 4 pixel #095B78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #095B78; -webkit-box-shadow:4px 4px  
4px 4px #095B78; box-shadow:4px 4px 4px  
4px #095B78 }
```

Background

The CSS property to change the background color of an element to Decimal 613240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#095B78 }
```

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

```
.background{ background-color:#095B78 }
```

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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