

Converting Colors

Decimal(604038)

Have a look what the booklet for
Decimal(604038) contains.

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Color

Decimal(604038)

Conversions

Conversions Part 1

Format	Color
Hex	093786
RGB	9, 55, 134
RGB Percent	4%, 22%, 53%
CMY	0.9647, 0.7843, 0.4745
CMYK	0.93, 0.59, 0.00, 0.47
HSL	218°, 87%, 28%
HSV	218°, 93%, 53%
XYZ	5.7819, 4.5117, 23.1204
YIQ	50.2520, -52.7750, 14.8170

Conversions

Conversions Part 2

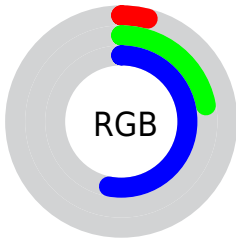
Format	Color
R_{YB}	9, 43, 134
Decimal	604038
CIE _{Lab}	25.30, 18.65, -48.12
CIE _{LCh}	25, 51.605, 291.181
Yxy	4.5117, 0.1730, 0.1350
Android (android.graphics.Color)	4278794118 (0xFF093786)
YUV	50.2520, 41.2878, -36.1780
Hunter-Lab	21.2407, 11.4181, -49.6682

Details

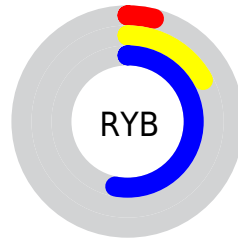
The Decimal color **604038** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **8804361**, and the grayscale version is **3289650**.

A 20% lighter version of the original color is **5399996**, and **3667** is the 20% darker color. If you saturate the color by 10%, you get **12678**, and if you desaturate by 10%, it is **1458054**.

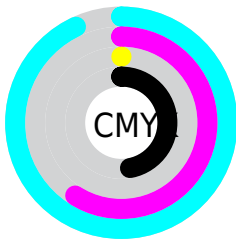
Distribution



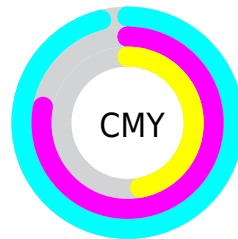
- Red (4%)
- Green (22%)
- Blue (53%)



- Red (4%)
- Yellow (17%)
- Blue (53%)



- Cyan (93%)
- Magenta (59%)
- Yellow (0%)
- Black (47%)



- Cyan (96%)
- Magenta (78%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 604038 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 604038 by changing the saturation by 10% instead.



604038



604038

16777215



8812



5399996



3667



7241432



1595



9148661



549



10990335



269



12898047



0



14805759



604038



604038



12678



1458054

■ 2377862

■ 3231878

■ 4151686

■ 5005702

■ 5859974

■ 6779526

■ 7633798

■ 8553350

Harmonies

Analogous

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



17802



604038



6168686

Triad

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



604038



7283200



19247

Complementary

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



604038



8804361

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.



18433



604038



5518848

Square

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



604038



8192291



3228160



19543

Rectangle

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



604038



7538774



3228160



19233

Sweetspot

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



604038



8228781



624214



3753047



14079702



5723991

Same Dimension

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



604038



16557



1575302



3948098



12418



259

Inverse Universe

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



8784183



11337792



7833097



4340798



8519728



196609

Previews

White Background



This preview shows how the Decimal color 604038 looks on a white background.

Color Contrast Check

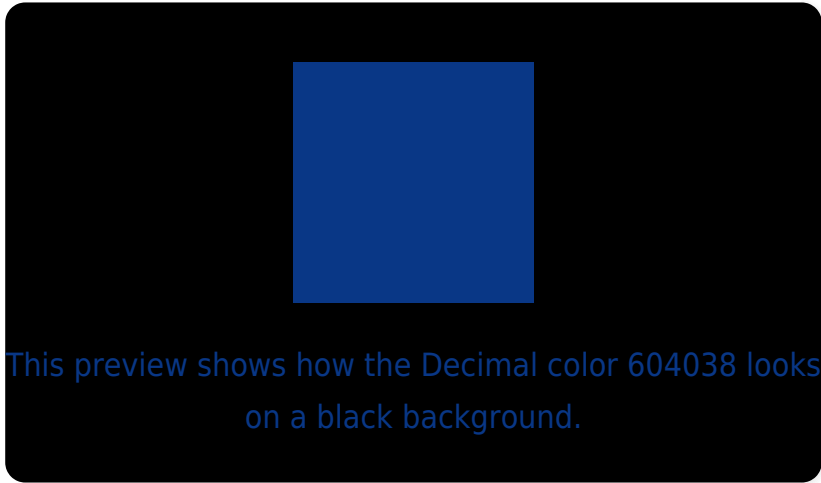
Large Text (above 18pt) WCAG AA ✓ Pass

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

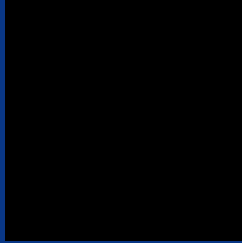
Any Text WCAG AA × Fail

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 604038 Background



This preview shows how black text looks on a background with the Decimal color 604038.



This preview shows how white text looks on a background with the Decimal color 604038.

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
604038

Protanopia
14971

Deuteranopia
15978

Trichromacy



Original Color
604038

Protanomaly
211327

Deuteranomaly
211828

Tritanomaly
212830

Monochromacy



Original Color
604038

Achromatopsia
3289650

Achromatomaly
2307153

CSS Examples

Text

The CSS property to change the color of the text to Decimal 604038 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 #093786 looks like.

```
.text, #text, p{  
    color:#093786  
}
```

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 #093786 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #093786
}
```

Border

The CSS property to change the border of an element to Decimal 604038 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
#093786 }
```

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

```
.border{ border-color:#093786 }
```

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

Here you see how a box with a 4 pixel #093786 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #093786; -webkit-box-shadow:4px 4px  
4px 4px #093786; box-shadow:4px 4px 4px  
4px #093786 }
```

Background

The CSS property to change the background color of an element to Decimal 604038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#093786 }
```

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

```
.background{ background-color:#093786 }
```

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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