

# Converting Colors

Decimal(604509)

Have a look what the booklet for  
Decimal(604509) contains.

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# Color

**Decimal(604509)**

# Conversions

## Conversions Part 1

Format	Color
Hex	09395D
RGB	9, 57, 93
RGB Percent	4%, 22%, 36%
CMY	0.9647, 0.7765, 0.6353
CMYK	0.90, 0.39, 0.00, 0.64
HSL	206°, 82%, 20%
HSV	206°, 90%, 36%
XYZ	3.5516, 3.7746, 10.8973
YIQ	46.7520, -40.1640, 1.0200

# Conversions

## Conversions Part 2

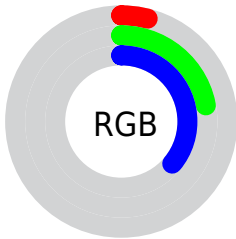
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	9, 40, 93
Decimal	604509
CIE <sub>Lab</sub>	22.91, -0.56, -25.77
CIE <sub>LCh</sub>	23, 25.774, 268.744
Yxy	3.7746, 0.1949, 0.2071
Android (android.graphics.Color)	4278794589 (0xFF09395D)
YUV	46.7520, 22.8003, -33.1085
Hunter-Lab	19.4284, -1.3695, -19.6555

# Details

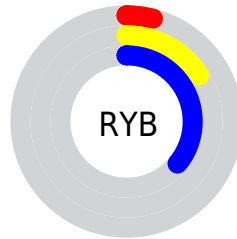
The Decimal color **604509** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **6106377**, and the grayscale version is **3092271**.

A 20% lighter version of the original color is **4548752**, and **3631** is the 20% darker color. If you saturate the color by 10%, you get **13661**, and if you desaturate by 10%, it is **1195357**.

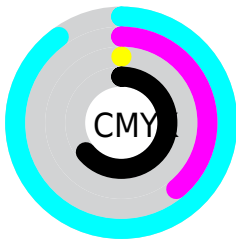
# Distribution



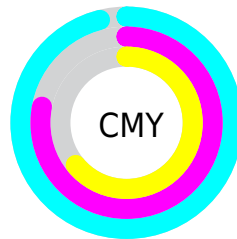
- Red (4%)
- Green (22%)
- Blue (36%)



- Red (4%)
- Yellow (16%)
- Blue (36%)



- Cyan (90%)
- Magenta (39%)
- Yellow (0%)
- Black (64%)



- Cyan (96%)
- Magenta (78%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 604509 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 604509 by changing the saturation by 10% instead.





604509



604509

16777215



9285



4548752



3631



6259114



281



8035270



0



9811426



11588094



13430271



15335423



604509



604509

■ 13661

■ 1195357

■ 1851741

■ 2442589

■ 3033437

■ 3624285

■ 4280669

■ 4871517

■ 5462365

■ 6118749

# Harmonies

## Analogous

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



15959



604509



3551832

# Triad

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



604509



5842981



1392162

# Complementary

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



604509



6106377

# 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.



3095315



604509



5320214

# Square

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



604509



5842488



4338958



16437

# Rectangle

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



604509



4664656



4338958



2047516



# Sweetspot

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



604509



5728888



613676



2766141



12434877



4013373



# Same Dimension

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



604509



17528



594013



2698286



16238



35053



# Inverse Universe

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



6097209



7864388



6116873



3025196



7209023



15532168



# Previews

## White Background



This preview shows how the Decimal color 604509 looks on a white background.

### Color Contrast Check

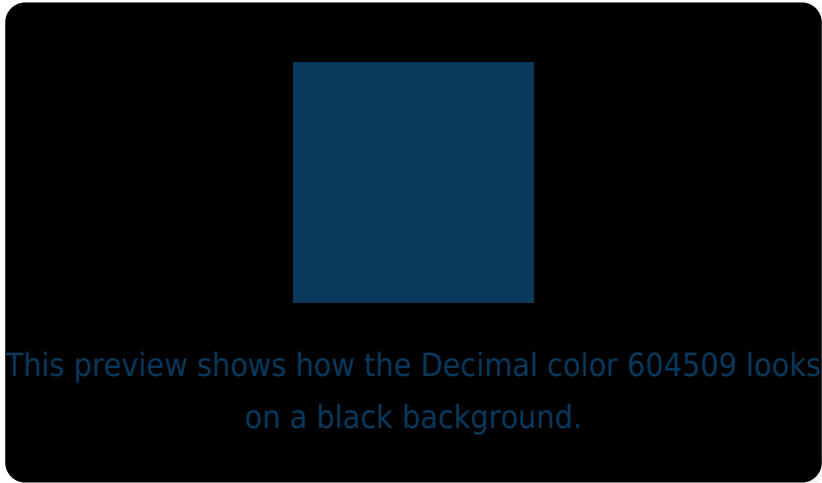
Large Text (above 18pt) WCAG AA ✓ Pass

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 604509 Background



This preview shows how black text looks on a background with the Decimal color 604509.



This preview shows how white text looks on a background with the Decimal color 604509.

# 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**  
604509

**Protanopia**  
2635354

**Deuteranopia**  
1783645



**Tritanopia**  
15681

# Trichromacy



**Original Color**  
604509

**Protanomaly**  
1914715

**Deuteranomaly**  
1325149

**Tritanomaly**  
212043

# Monochromacy



**Original Color**  
604509

**Achromatopsia**  
3092271

**Achromatomaly**  
2175808

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 604509 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 #09395D looks like.

```
.text, #text, p{  
    color:#09395D  
}
```

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 #09395D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #09395D
}
```

## Border

The CSS property to change the border of an element to Decimal 604509 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
#09395D }
```

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

```
.border{ border-color:#09395D }
```

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

Here you see how a box with a 4 pixel #09395D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #09395D; -webkit-box-shadow:4px 4px  
4px 4px #09395D; box-shadow:4px 4px 4px  
4px #09395D }
```

# Background

The CSS property to change the background color of an element to Decimal 604509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#09395D }
```

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

```
.background{ background-color:#09395D }
```

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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