

# Converting Colors

Decimal(941721)

Have a look what the booklet for  
Decimal(941721) contains.

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# Color

**Decimal(941721)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0E5E99
RGB	14, 94, 153
RGB Percent	5%, 37%, 60%
CMY	0.9451, 0.6314, 0.4000
CMYK	0.91, 0.39, 0.00, 0.40
HSL	205°, 83%, 33%
HSV	205°, 91%, 60%
XYZ	9.9336, 10.3987, 31.6206
YIQ	76.8060, -66.6190, 1.3890

# Conversions

## Conversions Part 2

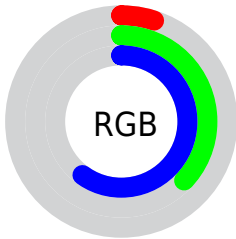
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	14, 65, 153
Decimal	941721
CIE <sub>Lab</sub>	38.55, 0.40, -38.39
CIE <sub>LCh</sub>	39, 38.397, 270.590
Yxy	10.3987, 0.1912, 0.2002
Android (android.graphics.Color)	4279131801 (0xFF0E5E99)
YUV	76.8060, 37.5636, -55.0809
Hunter-Lab	32.2470, -1.4459, -35.5654

# Details

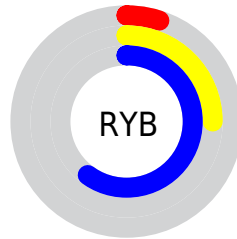
The Decimal color **941721** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **10045710**, and the grayscale version is **5000268**.

A 20% lighter version of the original color is **5804240**, and **12645** is the 20% darker color. If you saturate the color by 10%, you get **22681**, and if you desaturate by 10%, it is **1926297**.

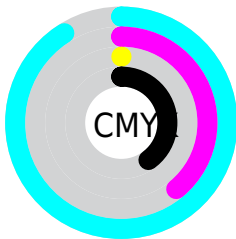
# Distribution



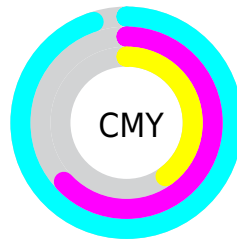
- Red (5%)
- Green (37%)
- Blue (60%)



- Red (5%)
- Yellow (25%)
- Blue (60%)



- Cyan (91%)
- Magenta (39%)
- Yellow (0%)
- Black (40%)



- Cyan (95%)
- Magenta (63%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 941721 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 941721 by changing the saturation by 10% instead.




 941721  941721

16777215  18303


 5804240  12645

 7711468  7245


 9619199  1334

 11526655  544

 13434623  3

 15335423  0

 941721  941721

 22681  1926297

■ 2976665

■ 3961241

■ 4946073

■ 5930649

■ 6981017

■ 7965593

■ 8950425

■ 10000537

# Harmonies

## Analogous

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



26257



941721



6050449

# Triad

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



941721



9585469



2058299

# Complementary

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



941721



10045710

# 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.



5005858



941721



8605220

# Square

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



941721



9584475



7035160



27226

# Rectangle

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



941721



7817859



7035160



3237425



# Sweetspot

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



941721



9547975



956744



4478563



14935011



6513507



# Same Dimension

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



941721



29383



924313



4540749



20876



1805



# Inverse Universe

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



10030686



13041778



10063118



5064009



9175121



851975



# Previews

## White Background



This preview shows how the Decimal color 941721 looks on a white background.

### Color Contrast Check

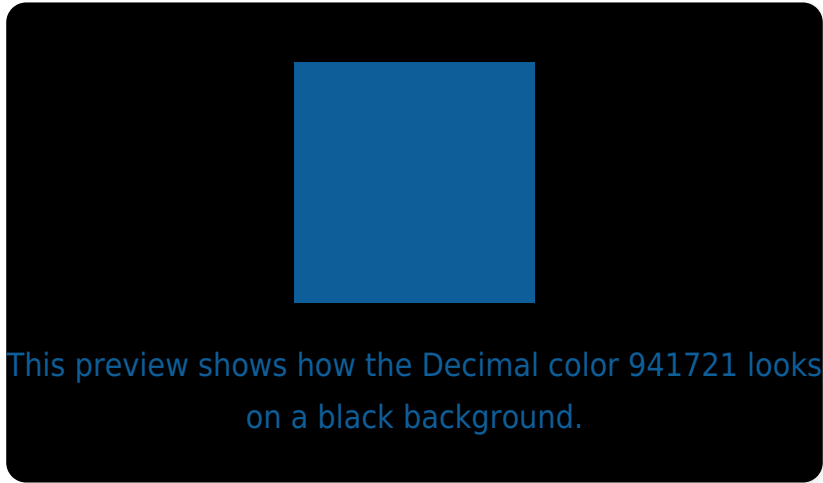
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

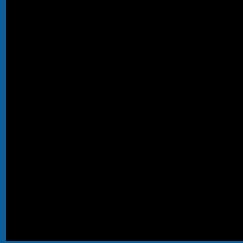
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 941721 Background



This preview shows how black text looks on a background with the Decimal color 941721.



This preview shows how white text looks on a background with the Decimal color 941721.

# Color Blindness Simulation

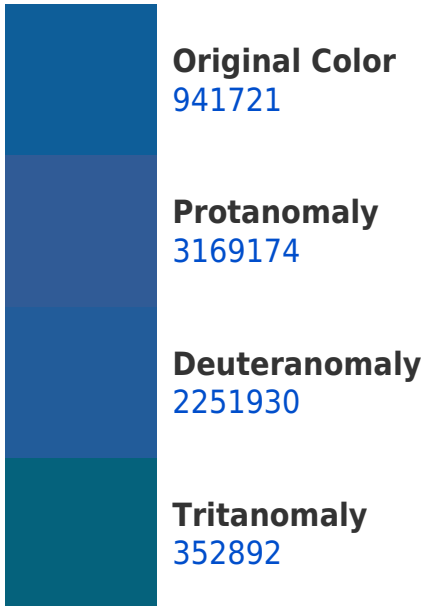
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 941721 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 #0E5E99 looks like.

```
.text, #text, p{  
    color:#0E5E99  
}
```

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 #0E5E99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0E5E99
}
```

## Border

The CSS property to change the border of an element to Decimal 941721 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
#0E5E99 }
```

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

```
.border{ border-color:#0E5E99 }
```

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

Here you see how a box with a 4 pixel #0E5E99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0E5E99; -webkit-box-shadow:4px 4px  
4px 4px #0E5E99; box-shadow:4px 4px 4px  
4px #0E5E99 }
```

# Background

The CSS property to change the background color of an element to Decimal 941721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0E5E99 }
```

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

```
.background{ background-color:#0E5E99 }
```

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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