

Converting Colors

Hex(085F91)

Have a look what the booklet for
Hex(085F91) contains.

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Color

Hex(085F91)

Conversions

Conversions Part 1

Format	Color
Hex	085F91
RGB	8, 95, 145
RGB Percent	3%, 37%, 57%
CMY	0.9686, 0.6275, 0.4314
CMYK	0.94, 0.34, 0.00, 0.43
HSL	202°, 90%, 30%
HSV	202°, 94%, 57%
XYZ	9.3032, 10.2804, 28.2820
YIQ	74.6870, -67.9020, -2.8940

Conversions

Conversions Part 2

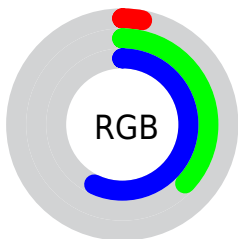
Format	Color
R_{YB}	8, 61, 145
Decimal	548753
CIE _{Lab}	38.34, -3.80, -33.92
CIE _{LCh}	38, 34.130, 263.606
Yxy	10.2804, 0.1944, 0.2148
Android (android.graphics.Color)	4278738833 (0xFF085F91)
YUV	74.6870, 34.6643, -58.4845
Hunter-Lab	32.0630, -4.3180, -29.8542

Details

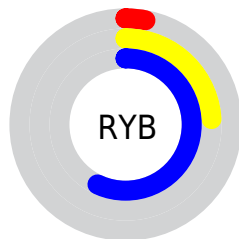
The Hex color **085F91** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **913A08**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **5491C7**, and **00315E** is the 20% darker color. If you saturate the color by 10%, you get **005C91**, and if you desaturate by 10%, it is **176491**.

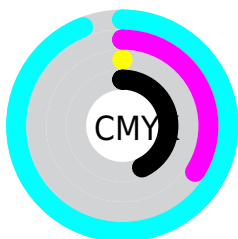
Distribution



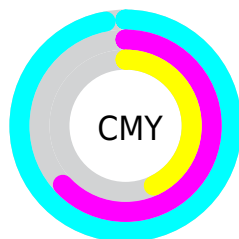
- Red (3%)
- Green (37%)
- Blue (57%)



- Red (3%)
- Yellow (24%)
- Blue (57%)



- Cyan (94%)
- Magenta (34%)
- Yellow (0%)
- Black (43%)



- Cyan (97%)
- Magenta (63%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 085F91 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 Hex color 085F91 by changing the saturation by 10% instead.

085F91

085F91

FFFFFF

004877

5491C7

00315E

71ACE3

001D46

8EC7FF

000430

AAE3FF

00011A

C7FFFF

000000

E5FFFF

085F91

085F91

005C91

176491

■ 256A91

■ 346F91

■ 427491

■ 517991

■ 5F7F91

■ 6E8491

■ 7C8991

■ 8B8F91

Harmonies

Analogous

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



006586



085F91



52558D

Triad

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



085F91



8D4446



336538

Complementary

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



085F91



913A08

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.



555F25



085F91



834C2E

Square

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



085F91



8A4361



6F5721



006853

Rectangle

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



085F91



6C4E82



6F5721



3F6331

Sweetspot

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



085F91



88A9BD



089138



3E535E



DEDEDE



5E5E5E

Same Dimension

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



085F91



0078BD



081D91



404547



005687



000508

Inverse Universe

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



91085F



BD0078



917C08



474045



870056



080005

Previews

White Background



This preview shows how the Hex color 085F91 looks on a white background.

Color Contrast Check

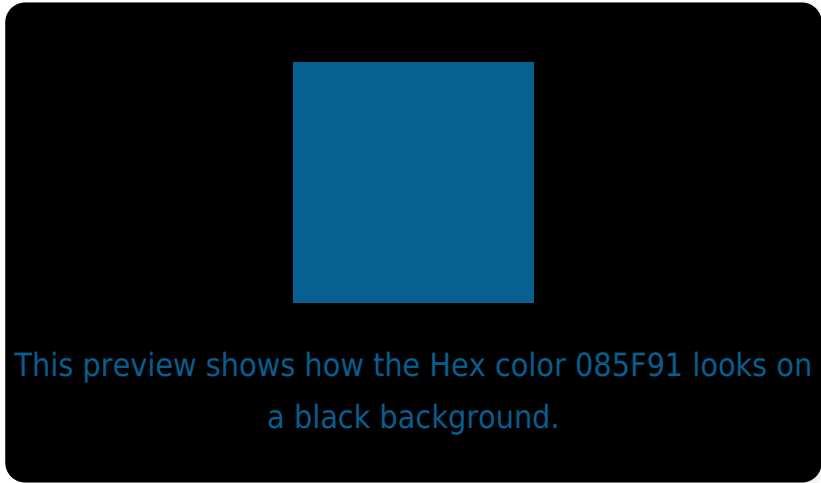
Large Text (above 18pt) WCAG AA ✓ Pass

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

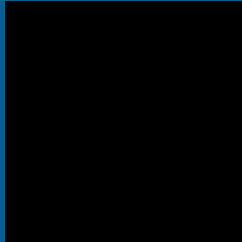
Any Text WCAG AA × Fail

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](#).

Hex 085F91 Background



This preview shows how black text looks on a background with the Hex color 085F91.



This preview shows how white text looks on a background with the Hex color 085F91.

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





Tritanopia
00646B

Trichromacy



Original Color
085F91

Protanomaly
315B8D

Deuteranomaly
275C92

Tritanomaly
036279

Monochromacy



Original Color
085F91

Achromatopsia
4B4B4B

Achromatomaly
335264

CSS Examples

Text

The CSS property to change the color of the text to Hex 085F91 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 #085F91 looks like.

```
.text, #text, p{  
    color:#085F91  
}
```

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 #085F91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #085F91
}
```

Border

The CSS property to change the border of an element to Hex 085F91 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
#085F91 }
```

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

```
.border{ border-color:#085F91 }
```

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

Here you see how a box with a 4 pixel #085F91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #085F91; -webkit-box-shadow:4px 4px  
4px 4px #085F91; box-shadow:4px 4px 4px  
4px #085F91 }
```

Background

The CSS property to change the background color of an element to Hex 085F91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#085F91 }
```

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

```
.background{ background-color:#085F91 }
```

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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