

Converting Colors

HunterLab(36.6931, -11.9895,
-66.8243)

Have a look what the booklet for
HunterLab(36.6931, -11.9895,
-66.8243) contains.

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Color

**HunterLab(40.5937, 2.2775,
-55.6551)**

Conversions

Conversions Part 1

Format	Color
Hex	0073C9
RGB	0, 115, 201
RGB Percent	0%, 45%, 79%
CMY	0.9998, 0.5490, 0.2118
CMYK	1.00, 0.43, 0.00, 0.21
HSL	206°, 100%, 39%
HSV	206°, 100%, 79%
XYZ	16.6733, 16.4785, 57.5601
YIQ	90.4190, -96.1460, 2.3660

Conversions

Conversions Part 2

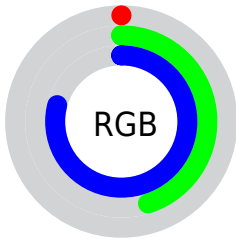
Format	Color
RYB	0, 73, 201
Decimal	29641
CIELab	47.60, 5.78, -52.07
CIELCh	48, 52.386, 276.331
Yxy	16.4790, 0.1838, 0.1817
Android (android.graphics.Color)	4278219721 (0xFF0073C9)
YUV	90.4190, 54.5164, -79.2975
Hunter-Lab	40.5937, 2.2775, -55.6551

Details

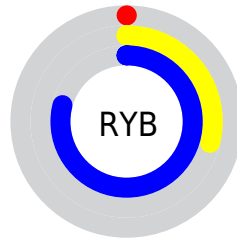
The HunterLab color **40.5937, 2.2775, -55.6551** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **43.6810, 35.6049, 27.5376**, and the grayscale version is **31.9655, -1.7056, 1.7367**.

A 20% lighter version of the original color is **60.9008, 1.0591, -54.5600**, and **24.9190, 8.3639, -49.2018** is the 20% darker color. If you saturate the color by 10%, you get **40.5886, 2.2868, -55.6687**, and if you desaturate by 10%, it is **43.2240, -1.3413, -49.1868**.

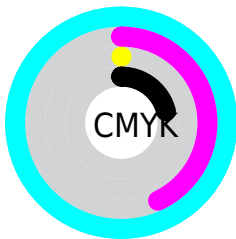
Distribution



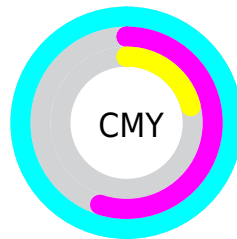
- Red (0%)
- Green (45%)
- Blue (79%)



- Red (0%)
- Yellow (29%)
- Blue (79%)



- Cyan (100%)
- Magenta (43%)
- Yellow (0%)
- Black (21%)



- Cyan (100%)
- Magenta (55%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.5937, 2.2775, -55.6551 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 HunterLab color 40.5937, 2.2775, -55.6551 by changing the saturation by 10% instead.

■ 40.5937, 2.2775,
-55.6551

■ 40.5937, 2.2775,
-55.6551

■ 152.3652, -1.3118,
-61.8765

■ 31.4065, 2.4207,
-55.4976

■ 61.1782, 1.8051,
-56.7938

■ 23.0406, 2.4865,
-56.0080

■ 72.4776, 1.4873,
-57.5269

■ 15.5868, 2.4603,
-57.9813

■ 84.3980, 1.1219,
-58.2909

■ 9.1706, 2.3310,
-63.7899

■ 96.9084, 0.7124,
-59.0570

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 109.9824, 0.2620,
-59.8075

0.0000, NaN, -NF

■ 123.5966, -0.2269,

0.0000, NaN, NaN

-60.5316

0.0000, NaN, NaN

137.7304, -0.7521,
-61.2226

■ 40.5937, 2.2775,
-55.6551

■ 40.5937, 2.2775,
-55.6551

■ 40.5886, 2.2868,
-55.6687

■ 43.2240, -1.3413,
-49.1868

■ 46.0772, -4.2944,
-42.7868

■ 49.1743, -6.4746,
-36.4383

■ 52.5035, -7.9044,
-30.1872

■ 56.0488, -8.6354,
-24.0683

■ 59.7928, -8.7320,
-18.1028

■ 63.7186, -8.2617,
-12.2995

■ 67.8103, -7.2897,
-6.6586

■ 72.0535, -5.8759,
-1.1741

Harmonies

Analogous

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



40.5943, -16.8342, -49.4398



40.5937, 2.2775, -55.6551



40.5943, 23.9731, -41.1895

Triad

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



40.5943, 2.2785, -55.6541



40.5943, 34.7891, 18.7582



40.5943, -32.3712, 14.5811

Complementary

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



40.5937, 2.2775, -55.6551



43.6810, 35.6049, 27.5376

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.



40.5943, -23.0124, 22.3166



40.5937, 2.2775, -55.6551



40.5943, 14.9299, 23.7535

Square

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



40.5943, 2.2785, -55.6541



40.5943, 45.0013, 6.1374



40.5943, -6.4314, 24.6204



40.5943, -34.4300, -2.1545

Rectangle

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



40.5937, 2.2775, -55.6551



40.5943, 36.1967, -24.6157



40.5943, -6.4314, 24.6204



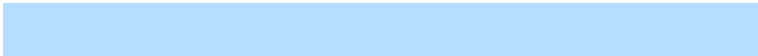
40.5943, -30.0802, 18.0045

Sweetspot

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



40.5943, 2.2785, -55.6541



83.1420, -10.8519, -16.4247



65.1233, -52.3524, 31.6177



37.4384, -5.1758, -9.0905

0.0000, NaN, NaN



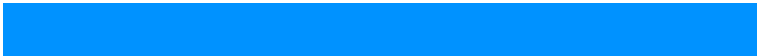
46.2646, -2.4686, 2.5136

Same Dimension

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



40.5943, 2.2785, -55.6541



52.6672, 3.7780, -73.9851



21.4751, 51.6928, -138.4245



33.5825, -2.6832, -0.3940



32.4703, 1.3092, -43.4113



8.0055, -1.2660, -7.2733

Inverse Universe

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



36.9545, 66.6285, -2.0856



48.3025, 87.0077, -2.0290



68.4137, -12.0163, 41.9447



32.7672, 1.9472, 0.5516



29.3331, 52.9498, -2.0986



6.4940, 11.9222, -2.0136

Previews

White Background



This preview shows how the HunterLab color 40.5937, 2.2775, -55.6551 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



This preview shows how the HunterLab color 40.5937, 2.2775, -55.6551 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

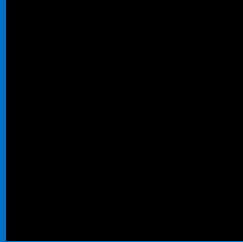
Any Text WCAG AA × Fail

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](#).

HunterLab 40.5937, 2.2775, -55.6551 Background



This preview shows how black text looks on a background with the HunterLab color 40.5937, 2.2775, -55.6551.



This preview shows how white text looks on a background with the HunterLab color 40.5937, 2.2775, -55.6551.

-55.6551.

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

40.5937, 2.2775, -55.6551

Protanopia

40.7348, 9.1843, -50.7521

Deuteranopia

40.5689, 3.6308, -55.6962



Tritanopia

40.4827, -19.5351, -8.4292

Trichromacy



Original Color

40.5937, 2.2775, -55.6551

Protanomaly

40.3360, 5.3486, -53.5828

Deuteranomaly

40.4498, 3.2329, -56.0144

Tritanomaly

40.1788, -12.5189, -23.1952

Monochromacy



Original Color

40.5937, 2.2775, -55.6551

Achromatopsia

31.9753, -1.7061, 1.7373

Achromatomaly

33.7716, -5.3022, -16.3599

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.5937, 2.2775, -55.6551 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 `rgb(0, 115, 201)` looks like.

```
.text, #text, p{  
    color:rgb(0, 115, 201)  
}
```

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 rgb(0, 115, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 115, 201) }
```

Border

The CSS property to change the border of an element to HunterLab 40.5937, 2.2775, -55.6551 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 rgb(0, 115, 201) }
```


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

```
.border{ border-color:rgb(0, 115, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 115, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 115, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 115, 201);  
box-shadow:4px 4px 4px 4px rgb(0, 115,  
201) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.5937, 2.2775, -55.6551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 115, 201) }
```

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

```
.background{ background-color: rgb(0, 115,  
201) }
```

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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