

Converting Colors

HunterLab(39.9457, -22.9941,
5.8225)

Have a look what the booklet for
HunterLab(39.9457, -22.9941,
5.8225) contains.

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Color

**HunterLab(40.0477,
-23.1970, 6.0435)**

Conversions

Conversions Part 1

Format	Color
Hex	277D65
RGB	39, 125, 101
RGB Percent	15%, 49%, 40%
CMY	0.8470, 0.5098, 0.6039
CMYK	0.69, 0.00, 0.19, 0.51
HSL	163°, 52%, 32%
HSV	163°, 69%, 49%
XYZ	10.5193, 16.0382, 14.8532
YIQ	96.5500, -43.5520, -25.6960

Conversions

Conversions Part 2

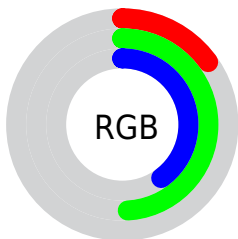
Format	Color
R_{YB}	39, 89, 125
Decimal	2588005
CIE _{Lab}	47.03, -31.60, 5.71
CIE _{LCh}	47, 32.109, 169.760
Yxy	16.0388, 0.2540, 0.3873
Android (android.graphics.Color)	4280778085 (0xFF277D65)
YUV	96.5500, 2.1939, -50.4714
Hunter-Lab	40.0477, -23.1970, 6.0435

Details

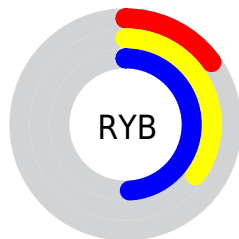
The HunterLab color **40.0477, -23.1970, 6.0435** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **24.8402, 28.9693, 4.5874**, and the grayscale version is **34.4109, -1.8361, 1.8696**.

A 20% lighter version of the original color is **60.4935, -27.9295, 7.6720**, and **23.0185, -15.6076, 4.9212** is the 20% darker color. If you saturate the color by 10%, you get **39.7074, -24.7385, 6.9601**, and if you desaturate by 10%, it is **40.4898, -21.2688, 5.2080**.

Distribution



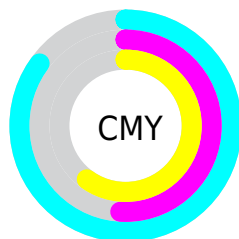
- Red (15%)
- Green (49%)
- Blue (40%)



- Red (15%)
- Yellow (35%)
- Blue (49%)



- Cyan (69%)
- Magenta (0%)
- Yellow (19%)
- Black (51%)



- Cyan (85%)
- Magenta (51%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.0477, -23.1970, 6.0435 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 40.0477, -23.1970, 6.0435 by changing the saturation by 10% instead.

40.0477, -23.1970,
6.0435

40.0477, -23.1970,
6.0435

151.5159,
-43.2946, 14.4596

30.9057, -20.5297,
5.1909

60.5521, -28.1143,
7.7883

22.5892, -17.6477,
4.3435

71.8150, -30.4298,
8.6849

15.1909, -14.4461,
3.4904

83.7007, -32.6778,
9.5996

8.8190, -15.4333,
3.1630

96.1783, -34.8723,
10.5330

0.0000, NaN, NaN

0.0000, NaN, NaN

109.2207,
-37.0238, 11.4857

0.0000, NaN, NaN

122.8046,

0.0000, NaN, NaN

-39.1406, 12.4576

0.0000, NaN, NaN

136.9092,
-41.2291, 13.4489

■ 40.0477, -23.1970,
6.0435

■ 40.0477, -23.1970,
6.0435

■ 39.7074, -24.7385,
6.9601

■ 40.4898, -21.2688,
5.2080

■ 39.4585, -25.9119,
7.9402

■ 41.0368, -18.9469,
4.4658

■ 39.2745, -26.8212,
8.9478

■ 41.6930, -16.2371,
3.8282

■ 39.2530, -26.9278,
9.0666

■ 42.4602, -13.1543,
3.3035

■ 43.3386, -9.7208,
2.8970

■ 44.3272, -5.9641,
2.6114

■ 45.4240, -1.9153,
2.4471

■ 46.6260, 2.3934,
2.4024

■ 47.9296, 6.9293,
2.4739

Harmonies

Analogous

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



40.0485, -18.9208, 14.3390



40.0477, -23.1970, 6.0435



40.0485, -22.3845, -6.3684

Triad

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



40.0485, -23.1973, 6.0439



40.0485, 6.3362, -25.9435



40.0485, 14.6432, 16.0255

Complementary

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



40.0477, -23.1970, 6.0435



24.8402, 28.9693, 4.5874

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.



40.0485, 23.1508, 9.1801



40.0477, -23.1970, 6.0435



40.0485, 17.9614, -15.6312

Square

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



40.0485, -23.1973, 6.0439



40.0485, -6.3326, -27.5678



40.0485, 24.4346, -2.1121



40.0485, 2.2345, 18.8111

Rectangle

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



40.0477, -23.1970, 6.0435



40.0485, -19.0280, -15.4231



40.0485, 24.4346, -2.1121



40.0485, 18.1156, 14.2425

Sweetspot

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



40.0485, -23.1973, 6.0439



57.6610, -14.2975, 4.0082



39.8538, -25.9689, 21.2471



27.3741, -7.3110, 1.9672



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



40.0485, -23.1973, 6.0439



52.9146, -34.1346, 10.1196



35.0663, -11.8327, -11.4057



22.0614, -3.0325, 1.3043



40.0992, -27.5187, 9.2845

0.0000, NaN, NaN

Inverse Universe

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



24.8402, 28.9693, 4.5874



30.0235, 45.7029, 9.2593



27.3793, 19.3603, 13.0527



20.8865, 0.8235, 1.0795



21.6226, 37.6067, 9.4963

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 40.0477, -23.1970, 6.0435 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 40.0477, -23.1970, 6.0435 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

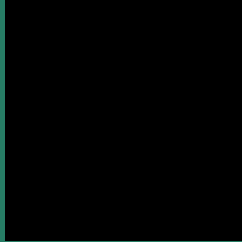
Any Text WCAG AA × Fail

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 40.0477, -23.1970, 6.0435 Background



This preview shows how black text looks on a background with the HunterLab color 40.0477, -23.1970, 6.0435.



This preview shows how white text looks on a background with the HunterLab color 40.0477,

-23.1970, 6.0435.

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

40.0477, -23.1970, 6.0435

Protanopia

39.9486, -2.7036, 8.8521

Deuteranopia

39.7749, 2.7352, 4.6352



Tritanopia

40.0543, -15.0567, -7.3671

Trichromacy



Original Color

40.0477, -23.1970, 6.0435

Protanomaly

39.3417, -12.0295, 6.9879

Deuteranomaly

39.1934, -9.2446, 4.1769

Tritanomaly

39.8491, -18.1242, -2.2008

Monochromacy



Original Color

40.0477, -23.1970, 6.0435

Achromatopsia

34.5743, -1.8448, 1.8785

Achromatomaly

35.9635, -11.1047, 2.9159

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.0477, -23.1970, 6.0435 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(39, 125, 101)` looks like.

```
.text, #text, p{  
    color:rgb(39, 125, 101)  
}
```

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(39, 125, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 125, 101) }
```

Border

The CSS property to change the border of an element to HunterLab 40.0477, -23.1970, 6.0435 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(39, 125, 101) }
```


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

```
.border{ border-color:rgb(39, 125, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 125, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 125, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 125, 101);  
box-shadow:4px 4px 4px 4px rgb(39, 125,  
101) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.0477, -23.1970, 6.0435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 125, 101) }
```

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

```
.background{ background-color: rgb(39, 125,  
101) }
```

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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