

Converting Colors

HunterLab(23.6625, 8.6047,
-49.3683)

Have a look what the booklet for
HunterLab(23.6625, 8.6047,
-49.3683) contains.

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Color

**HunterLab(23.7061, 9.0830,
-49.2381)**

Conversions

Conversions Part 1

Format	Color
Hex	00408E
RGB	0, 64, 142
RGB Percent	0%, 25%, 56%
CMY	0.9999, 0.7490, 0.4431
CMYK	1.00, 0.55, 0.00, 0.44
HSL	213°, 100%, 28%
HSV	213°, 100%, 56%
XYZ	6.7159, 5.6198, 26.3220
YIQ	53.7560, -63.1820, 10.6900

Conversions

Conversions Part 2

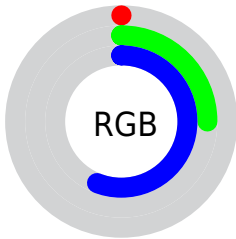
Format	Color
R _Y B	0, 44, 142
Decimal	16526
CIE Lab	28.43, 15.19, -47.98
CIE LCh	28, 50.330, 287.568
Yxy	5.6199, 0.1737, 0.1454
Android (android.graphics.Color)	4278206606 (0xFF00408E)
YUV	53.7560, 43.5043, -47.1440
Hunter-Lab	23.7061, 9.0830, -49.2381

Details

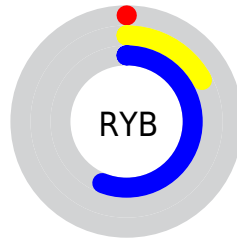
The HunterLab color **23.7061, 9.0830, -49.2381** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **33.4704, 15.4574, 20.8939**, and the grayscale version is **18.9989, -1.0137, 1.0322**.

A 20% lighter version of the original color is **41.3567, 9.8115, -49.2150**, and **11.6967, 13.0239, -42.7347** is the 20% darker color. If you saturate the color by 10%, you get **23.7034, 9.0889, -49.2474**, and if you desaturate by 10%, it is **25.8016, 5.8453, -42.8058**.

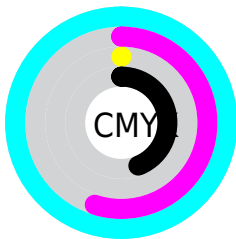
Distribution



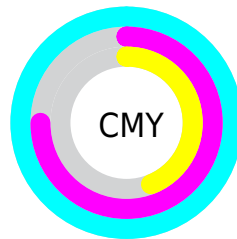
- Red (0%)
- Green (25%)
- Blue (56%)



- Red (0%)
- Yellow (17%)
- Blue (56%)



- Cyan (100%)
- Magenta (55%)
- Yellow (0%)
- Black (44%)



- Cyan (100%)
- Magenta (75%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.7061, 9.0830, -49.2381 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 23.7061, 9.0830, -49.2381 by changing the saturation by 10% instead.

■ 23.7061, 9.0830,
-49.2381

■ 23.7061, 9.0830,
-49.2381

■ 124.7584, 10.4245,
-54.2975

■ 16.1721, 8.4534,
-50.4064

■ 41.3972, 9.9563,
-49.4856

■ 9.6665, 7.6539,
-54.3087

■ 51.3994, 10.2381,
-50.0715

0.0000, INF, -NF

0.0000, NaN, -NF

■ 62.0981, 10.4351,
-50.7617

0.0000, NaN, -NF

■ 73.4507, 10.5571,
-51.4925

0.0000, NaN, NaN

■ 85.4215, 10.6114,
-52.2283

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 97.9800, 10.6042,

-52.9483

0.0000, NaN, NaN

111.1000, 10.5406,
-53.6405

■ 23.7061, 9.0830,
-49.2381

■ 23.7061, 9.0830,
-49.2381

■ 23.7034, 9.0889,
-49.2474

■ 25.8016, 5.8453,
-42.8058

■ 28.0805, 3.0647,
-36.6777

■ 30.5620, 0.8568,
-30.7998

■ 33.2249, -0.8175,
-25.2091

■ 36.0487, -2.0145,
-19.9128

■ 39.0148, -2.7940,
-14.8989

■ 42.1071, -3.2127,
-10.1446

■ 45.3120, -3.3210,
-5.6230

■ 48.6178, -3.1626,
-1.3063

Harmonies

Analogous

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



23.7064, -7.7133, -51.1054



23.7061, 9.0830, -49.2381



23.7064, 26.9700, -29.4153

Triad

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



23.7064, 9.0840, -49.2375



23.7064, 24.1453, 14.5182



23.7064, -24.9644, 6.9087

Complementary

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



23.7061, 9.0830, -49.2381



33.4704, 15.4574, 20.8939

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.



23.7064, -20.4237, 13.9536



23.7061, 9.0830, -49.2381



23.7064, 5.9533, 16.5945

Square

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



23.7064, 9.0840, -49.2375



23.7064, 37.1692, 8.7088



23.7064, -10.0980, 16.4127



23.7064, -24.5546, -9.7390

Rectangle

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



23.7061, 9.0830, -49.2381



23.7064, 35.7388, -13.3459



23.7064, -10.0980, 16.4127



23.7064, -24.0324, 10.1559

Sweetspot

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



23.7064, 9.0840, -49.2375



55.6485, -4.2437, -13.8649



44.5696, -34.0666, 17.8336



25.5766, -1.9282, -7.6390



84.2951, -4.4978, 4.5799



32.6403, -1.7416, 1.7734

Same Dimension

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



23.7064, 9.0840, -49.2375



30.9675, 13.1479, -67.0892



14.0859, 37.9788, -98.3735



23.7279, -1.5238, -0.4700



22.5399, 8.4449, -46.4031



3.0265, -0.6177, -2.4494

Inverse Universe

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



24.7415, 43.8620, 4.3899



32.8046, 58.0702, 6.5370



49.6862, -14.9790, 30.3535



23.3708, 1.1358, 0.7580



23.4504, 41.5917, 4.0511



2.3858, 4.4024, -0.9129

Previews

White Background



This preview shows how the HunterLab color 23.7061, 9.0830, -49.2381 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



This preview shows how the HunterLab color 23.7061, 9.0830, -49.2381 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

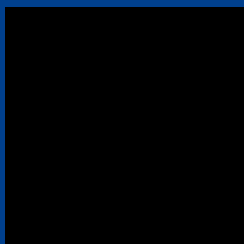
Any Text WCAG AA × Fail

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](#).

HunterLab 23.7061, 9.0830, -49.2381 Background



This preview shows how black text looks on a background with the HunterLab color 23.7061, 9.0830, -49.2381.



This preview shows how white text looks on a background with the HunterLab color 23.7061, 9.0830, -49.2381.

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

23.7061, 9.0830, -49.2381

Protanopia

23.6972, 7.3237, -45.4293

Deuteranopia

23.6393, -0.1562, -29.2098



Tritanopia

23.6883, -11.5839, -4.6019

Trichromacy



Original Color

23.7061, 9.0830, -49.2381

Protanomaly

23.7585, 7.6371, -46.1824

Deuteranomaly

23.5513, 3.0322, -35.9826

Tritanomaly

23.4217, -5.1577, -18.1410

Monochromacy



Original Color

23.7061, 9.0830, -49.2381

Achromatopsia

19.2066, -1.0248, 1.0435

Achromatomaly

20.0950, -0.9455, -13.6105

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.7061, 9.0830, -49.2381 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, 64, 142)` looks like.

```
.text, #text, p{  
    color:rgb(0, 64, 142)  
}
```

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, 64, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 64, 142) }
```

Border

The CSS property to change the border of an element to HunterLab 23.7061, 9.0830, -49.2381 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, 64, 142) }
```


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

```
.border{ border-color:rgb(0, 64, 142) }
```

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

Here you see how a box with a 4 pixel rgb(0, 64, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 64, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 64, 142);  
box-shadow:4px 4px 4px 4px rgb(0, 64, 142)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 23.7061, 9.0830, -49.2381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 64, 142) }
```

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

```
.background{ background-color: rgb(0, 64,  
142) }
```

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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