

Converting Colors

HunterLab(23.5784, 4.9527,
-12.0568)

Have a look what the booklet for
HunterLab(23.5784, 4.9527,
-12.0568) contains.

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Color

**HunterLab(23.5721, 5.0366,
-12.0225)**

Conversions

Conversions Part 1

Format	Color
Hex	433F5E
RGB	67, 63, 94
RGB Percent	26%, 25%, 37%
CMY	0.7373, 0.7529, 0.6314
CMYK	0.29, 0.33, 0.00, 0.63
HSL	248°, 20%, 31%
HSV	248°, 33%, 37%
XYZ	6.1126, 5.5564, 11.3400
YIQ	67.7300, -7.5670, 10.4890

Conversions

Conversions Part 2

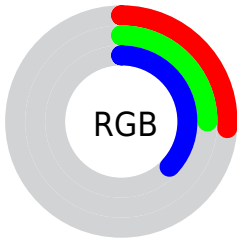
Format	Color
RYB	67, 63, 94
Decimal	4407134
CIELab	28.27, 9.53, -17.78
CIElCh	28, 20.171, 298.186
Yxy	5.5567, 0.2657, 0.2415
Android (android.graphics.Color)	4282597214 (0xFF433F5E)
YUV	67.7300, 12.9511, -0.6402
Hunter-Lab	23.5721, 5.0366, -12.0225

Details

The HunterLab color **23.5721, 5.0366, -12.0225** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **32.4623, -6.6806, 11.2968**, and the grayscale version is **23.9061, -1.2756, 1.2989**.

A 20% lighter version of the original color is **41.3838, 5.2075, -12.7872**, and **9.5932, 4.2849, -11.2959** is the 20% darker color. If you saturate the color by 10%, you get **20.8175, 7.4171, -17.2030**, and if you desaturate by 10%, it is **26.4545, 2.8272, -7.3831**.

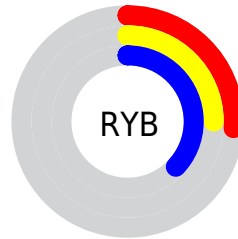
Distribution



Red (26%)

Green (25%)

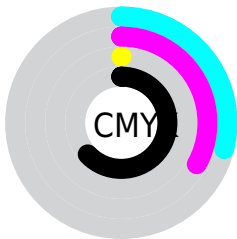
Blue (37%)



Red (26%)

Yellow (25%)

Blue (37%)

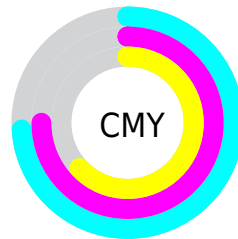


Cyan (29%)

Magenta (33%)

Yellow (0%)

Black (63%)



Cyan (74%)

Magenta (75%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.5721, 5.0366, -12.0225 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 23.5721, 5.0366, -12.0225 by changing the saturation by 10% instead.

■ 23.5721, 5.0366,
-12.0225

■ 23.5721, 5.0366,
-12.0225

■ 124.5255, 3.9560,
-13.2030

■ 16.0544, 4.7611,
-11.5816

■ 41.2360, 5.2676,
-12.7360

■ 9.5673, 4.3412,
-11.1736

■ 51.2261, 5.2575,
-12.9883

0.0000, INF, -NF

■ 61.9135, 5.1781,
-13.1724

0.0000, NaN, NaN

■ 73.2555, 5.0369,
-13.2920

0.0000, NaN, NaN

■ 85.2162, 4.8398,
-13.3513

0.0000, NaN, NaN

■ 97.7651, 4.5915,

0.0000, NaN, NaN

0.0000, NaN, NaN

-13.3539

0.0000, NaN, NaN

110.8760, 4.2958,
-13.3035

■ 23.5721, 5.0366,
-12.0225

■ 23.5721, 5.0366,
-12.0225

■ 20.8175, 7.4171,
-17.2030

■ 26.4545, 2.8272,
-7.3831

■ 18.2173, 10.0087,
-23.0646

■ 29.4431, 0.7532,
-3.1688

■ 15.8118, 12.8404,
-29.7407

■ 32.5233, -1.2156,
0.7144

■ 13.6568, 15.8960,
-37.2808

■ 35.6839, -3.1032,
4.3387

■ 11.8290, 19.0370,
-45.4562

■ 38.9160, -4.9282,
7.7597

■ 10.3869, 22.0225,
-53.6615

■ 42.2127, -6.7050,
11.0200

■ 9.4194, 24.7104,
-60.4198

■ 45.5683, -8.4448,
14.1526

■ 48.9784, -10.1564,
17.1832

■ 52.4389, -11.8465,
20.1319

Harmonies

Analogous

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



23.5726, -1.6591, -14.2432



23.5721, 5.0366, -12.0225



23.5726, 10.5167, -6.0049

Triad

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



23.5726, 5.0363, -12.0219



23.5726, 5.8070, 9.4060



23.5726, -12.6443, 1.6618

Complementary

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



23.5721, 5.0366, -12.0225



32.4623, -6.6806, 11.2968

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.



23.5726, -11.0982, 6.7987



23.5721, 5.0366, -12.0225



23.5726, -0.8563, 10.4378

Square

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



23.5726, 5.0363, -12.0219



23.5726, 10.9950, 6.3005



23.5726, -6.9560, 9.6331



23.5726, -11.4295, -5.1572

Rectangle

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



23.5721, 5.0366, -12.0225



23.5726, 12.4854, -1.3232



23.5726, -6.9560, 9.6331



23.5726, -12.4340, 3.6221

Sweetspot

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



23.5726, 5.0363, -12.0219



40.0364, 0.2898, -2.7844



30.4010, -7.6446, -2.0537



19.4183, 0.2593, -1.5963



71.2094, -3.7996, 3.8689



21.6712, -1.1563, 1.1774

Same Dimension

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



23.5726, 5.0363, -12.0219



28.1658, 9.2495, -21.5152



24.8242, 8.9613, -9.8389



15.1461, -0.0394, -0.7455



11.0124, 29.0126, -71.5924



25.3147, 67.5397, -171.1405

Inverse Universe

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



25.8323, 11.7260, -6.0783



32.0200, 20.0674, -10.5597



31.3935, -10.6310, 10.2766



15.4200, 0.8609, -0.1488



20.3174, 38.9057, -18.7432



47.4483, 90.7046, -42.5791

Previews

White Background



This preview shows how the HunterLab color 23.5721, 5.0366, -12.0225 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



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 23.5721, 5.0366, -12.0225 Background



This preview shows how black text looks on a background with the HunterLab color 23.5721, 5.0366, -12.0225.



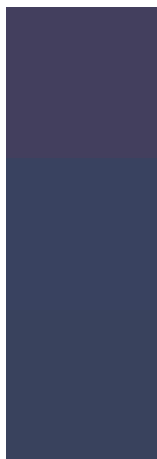
This preview shows how white text looks on a background with the HunterLab color 23.5721, 5.0366, -12.0225.

-12.0225.

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

23.5721, 5.0366, -12.0225

Protanopia

23.6872, 1.8544, -13.0711

Deuteranopia

23.5724, 1.2396, -11.5006



Tritanopia

23.5629, -1.3908, -1.3657

Trichromacy



Original Color

23.5721, 5.0366, -12.0225

Protanomaly

23.6620, 2.9510, -12.4958

Deuteranomaly

23.5860, 2.5476, -11.4543

Tritanomaly

23.6231, 0.5795, -4.9714

Monochromacy



Original Color

23.5721, 5.0366, -12.0225

Achromatopsia

24.0428, -1.2829, 1.3063

Achromatomaly

23.7933, 0.9113, -2.8187

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.5721, 5.0366, -12.0225 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(67, 63, 94)` looks like.

```
.text, #text, p{  
    color:rgb(67, 63, 94)  
}
```

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(67, 63, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 63, 94) }
```

Border

The CSS property to change the border of an element to HunterLab 23.5721, 5.0366, -12.0225 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(67, 63, 94) }
```


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

```
.border{ border-color:rgb(67, 63, 94) }
```

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

Here you see how a box with a 4 pixel rgb(67, 63, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 63, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 63, 94);  
box-shadow:4px 4px 4px 4px rgb(67, 63, 94)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 23.5721, 5.0366, -12.0225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 63, 94) }
```

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

```
.background{ background-color: rgb(67, 63,  
94) }
```

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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