

Converting Colors

HunterLab(21.0299, -5.3004,
-25.7178)

Have a look what the booklet for
HunterLab(21.0299, -5.3004,
-25.7178) contains.

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Color

**HunterLab(21.9572, -1.9092,
-23.3232)**

Conversions

Conversions Part 1

Format	Color
Hex	00416A
RGB	0, 65, 106
RGB Percent	0%, 25%, 42%
CMY	1.0000, 0.7451, 0.5843
CMYK	1.00, 0.39, 0.00, 0.58
HSL	203°, 100%, 21%
HSV	203°, 100%, 42%
XYZ	4.4918, 4.8212, 14.3295
YIQ	50.2390, -51.9010, -1.0290

Conversions

Conversions Part 2

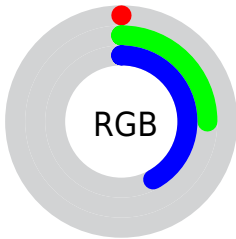
Format	Color
R_{YB}	0, 40, 106
Decimal	16746
CIE _{Lab}	26.22, -1.21, -28.94
CIE _{LCh}	26, 28.964, 267.613
Yxy	4.8213, 0.1900, 0.2039
Android (android.graphics.Color)	4278206826 (0xFF00416A)
YUV	50.2390, 27.4902, -44.0596
Hunter-Lab	21.9572, -1.9092, -23.3232

Details

The HunterLab color **21.9572, -1.9092, -23.3232** is a dark color, and the websafe version is hex **003366**, and the color name is **dark imperial blue**. A complement of this color would be **21.5658, 18.0242, 13.6034**, and the grayscale version is **17.8640, -0.9532, 0.9706**.

A 20% lighter version of the original color is **39.1435, -2.7441, -24.9245**, and **9.5827, 3.1637, -18.8071** is the 20% darker color. If you saturate the color by 10%, you get **21.9563, -1.9076, -23.3256**, and if you desaturate by 10%, it is **23.1901, -3.1064, -20.6272**.

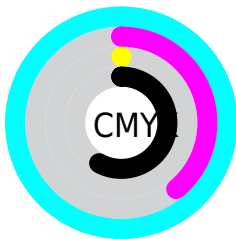
Distribution



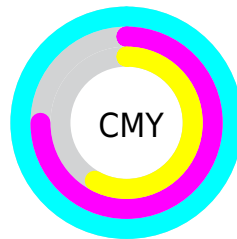
- Red (0%)
- Green (25%)
- Blue (42%)



- Red (0%)
- Yellow (16%)
- Blue (42%)



- Cyan (100%)
- Magenta (39%)
- Yellow (0%)
- Black (58%)



- Cyan (100%)
- Magenta (75%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.9572, -1.9092, -23.3232 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 21.9572, -1.9092, -23.3232 by changing the saturation by 10% instead.

■ 21.9572, -1.9092,
-23.3232

■ 21.9572, -1.9092,
-23.3232

■ 121.6905, -7.8080,
-27.2529

■ 14.6384, -1.4235,
-23.0018

■ 39.2829, -2.9935,
-24.4195

■ 8.2979, -1.0768,
-23.7672

■ 49.1242, -3.5891,
-24.9744

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 59.6727, -4.2176,
-25.4884

0.0000, NaN, NaN

■ 70.8839, -4.8777,
-25.9513

0.0000, NaN, NaN

■ 82.7207, -5.5679,
-26.3591

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 95.1516, -6.2871,

-26.7114

0.0000, NaN, NaN

108.1494, -7.0341,
-27.0088

21.9572, -1.9092,
-23.3232

21.9572, -1.9092,
-23.3232

21.9563, -1.9076,
-23.3256

23.1901, -3.1064,
-20.6272

24.4825, -4.1218,
-18.0082

25.8742, -4.8091,
-15.3866

27.3612, -5.1793,
-12.7786

28.9382, -5.2522,
-10.1979

■ 30.5992, -5.0524,
-7.6544

■ 32.3382, -4.6053,
-5.1543

■ 34.1493, -3.9362,
-2.7006

■ 36.0271, -3.0687,
-0.2945

Harmonies

Analogous

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



21.9575, -9.9113, -18.4323



21.9572, -1.9092, -23.3232



21.9575, 7.6948, -19.7060

Triad

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



21.9575, -1.9088, -23.3227



21.9575, 16.9162, 7.6804



21.9575, -14.2651, 8.4642

Complementary

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



21.9572, -1.9092, -23.3232



21.5658, 18.0242, 13.6034

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.



21.9575, -8.8239, 11.5236



21.9572, -1.9092, -23.3232



21.9575, 9.1903, 11.2206

Square

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



21.9575, -1.9088, -23.3227



21.9575, 19.5753, 0.4786



21.9575, -0.4269, 12.2709



21.9575, -16.2685, 1.8884

Rectangle

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



21.9572, -1.9092, -23.3232



21.9575, 13.5702, -13.5451



21.9575, -0.4269, 12.2709



21.9575, -12.8268, 9.8160

Sweetspot

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



21.9575, -1.9088, -23.3227



42.6436, -6.1624, -7.1039



32.3509, -26.0012, 15.6946



20.2969, -3.0817, -3.9225



74.4461, -3.9723, 4.0448



24.3420, -1.2988, 1.3225

Same Dimension

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



21.9575, -1.9088, -23.3227



28.6958, -1.8859, -31.7961



11.4579, 22.5992, -63.1033



18.1795, -1.4908, -0.0263



24.3238, -1.9034, -26.2937



53.3164, -1.6575, -63.0628

Inverse Universe

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



18.5636, 33.8434, -3.9416



24.5451, 44.6698, -4.5696



33.1735, -4.7071, 20.3584



17.7342, 0.8758, 0.2862



20.6631, 37.6457, -4.1635



46.4563, 84.3049, -6.7793

Previews

White Background



This preview shows how the HunterLab color 21.9572, -1.9092, -23.3232 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 21.9572, -1.9092, -23.3232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

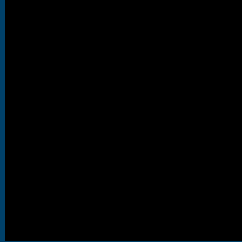
Any Text WCAG AA × Fail

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 21.9572, -1.9092, -23.3232 Background



This preview shows how black text looks on a background with the HunterLab color 21.9572, -1.9092, -23.3232.



This preview shows how white text looks on a background with the HunterLab color 21.9572, -1.9092, -23.3232.

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

21.9572, -1.9092, -23.3232

Protanopia

22.0854, 3.3277, -20.0790

Deuteranopia

22.0718, 1.1187, -23.0085



Tritanopia

22.0788, -10.9382, -3.9841

Trichromacy



Original Color

21.9572, -1.9092, -23.3232

Protanomaly

21.6466, 0.6898, -21.7962

Deuteranomaly

22.0133, -0.3840, -23.1682

Tritanomaly

21.9229, -7.8577, -10.4393

Monochromacy



Original Color

21.9572, -1.9092, -23.3232

Achromatopsia

17.8595, -0.9529, 0.9703

Achromatomaly

18.6592, -3.3103, -6.9719

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.9572, -1.9092, -23.3232 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, 65, 106)` looks like.

```
.text, #text, p{  
    color:rgb(0, 65, 106)  
}
```

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, 65, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 65, 106) }
```

Border

The CSS property to change the border of an element to HunterLab 21.9572, -1.9092, -23.3232 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, 65, 106) }
```


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

```
.border{ border-color:rgb(0, 65, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 65, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 65, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 65, 106);  
box-shadow:4px 4px 4px 4px rgb(0, 65, 106)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.9572, -1.9092, -23.3232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 65, 106) }
```

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

```
.background{ background-color: rgb(0, 65,  
106) }
```

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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