

Converting Colors

HunterLab(24.4248, 1.0766,
-19.8432)

Have a look what the booklet for
HunterLab(24.4248, 1.0766,
-19.8432) contains.

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Color

**HunterLab(24.3275, 1.2357,
-20.2488)**

Conversions

Conversions Part 1

Format	Color
Hex	2D456D
RGB	45, 69, 109
RGB Percent	18%, 27%, 43%
CMY	0.8235, 0.7294, 0.5725
CMYK	0.59, 0.37, 0.00, 0.57
HSL	218°, 42%, 30%
HSV	218°, 59%, 43%
XYZ	5.9706, 5.9183, 15.2957
YIQ	66.3840, -27.1440, 7.3520

Conversions

Conversions Part 2

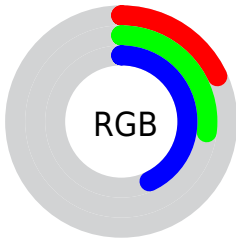
Format	Color
RYB	45, 62, 109
Decimal	2966893
CIELab	29.21, 3.91, -26.03
CIElCh	29, 26.319, 278.545
Yxy	5.9185, 0.2196, 0.2177
Android (android.graphics.Color)	4281156973 (0xFF2D456D)
YUV	66.3840, 21.0097, -18.7538
Hunter-Lab	24.3275, 1.2357, -20.2488

Details

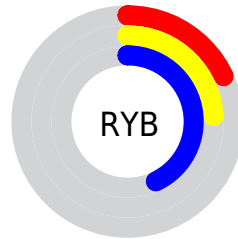
The HunterLab color $24.3275, 1.2357, -20.2488$ is a dark color, and the websafe version is hex 003366 . A complement of this color would be $31.5248, 1.6188, 14.7840$, and the grayscale version is $23.4116, -1.2492, 1.2720$.

A 20% lighter version of the original color is $42.1694, 0.7800, -21.4094$, and $10.3716, 2.7034, -18.7996$ is the 20% darker color. If you saturate the color by 10%, you get $22.1625, 2.7455, -25.0014$, and if you desaturate by 10%, it is $26.6184, 0.0739, -15.8231$.

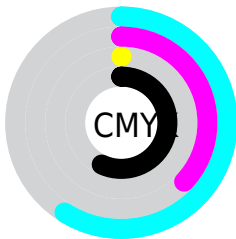
Distribution



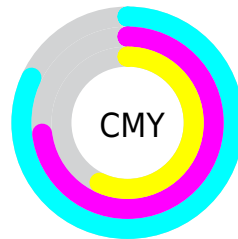
- Red (18%)
- Green (27%)
- Blue (43%)



- Red (18%)
- Yellow (24%)
- Blue (43%)



- Cyan (59%)
- Magenta (37%)
- Yellow (0%)
- Black (57%)



- Cyan (82%)
- Magenta (73%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 24.3275, 1.2357, -20.2488 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 24.3275, 1.2357, -20.2488 by changing the saturation by 10% instead.

■ 24.3275, 1.2357,
-20.2488

■ 24.3275, 1.2357,
-20.2488

■ 125.8364, -2.3945,
-23.5115

■ 16.7200, 1.3570,
-19.7792

■ 42.1447, 0.7752,
-21.3144

■ 10.1290, 1.3822,
-19.6380

■ 52.2024, 0.4558,
-21.7980

0.0000, INF, -NF

■ 62.9531, 0.0857,
-22.2269

0.0000, NaN, -NF

■ 74.3547, -0.3306,
-22.5974

0.0000, NaN, NaN

■ 86.3720, -0.7895,
-22.9095

0.0000, NaN, NaN

■ 98.9748, -1.2880,

0.0000, NaN, NaN

0.0000, NaN, NaN

-23.1645

0.0000, NaN, NaN

112.1373, -1.8237,
-23.3644

■ 24.3275, 1.2357,
-20.2488

■ 24.3275, 1.2357,
-20.2488

■ 22.1625, 2.7455,
-25.0014

■ 26.6184, 0.0739,
-15.8231

■ 20.1418, 4.6536,
-30.0962

■ 29.0172, -0.7907,
-11.6959

■ 18.2887, 6.9999,
-35.5124

■ 31.5110, -1.4032,
-7.8305

■ 16.5875, 9.6800,
-41.3240

■ 34.0884, -1.8027,
-4.1909

■ 16.3746, 10.0313,
-42.1215

■ 36.7404, -2.0217,
-0.7441

■ 39.4595, -2.0872,
2.5390

■ 42.2392, -2.0215,
5.6837

■ 45.0745, -1.8426,
8.7113

■ 47.9608, -1.5657,
11.6400

Harmonies

Analogous

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



24.3279, -7.1198, -18.6248



24.3275, 1.2357, -20.2488



24.3279, 10.0243, -14.6954

Triad

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



24.3279, 1.2358, -20.2482



24.3279, 13.2124, 9.2985



24.3279, -14.9907, 6.4546

Complementary

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



24.3275, 1.2357, -20.2488



31.5248, 1.6188, 14.7840

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.



24.3279, -10.8687, 10.7708



24.3275, 1.2357, -20.2488



24.3279, 5.1255, 11.9657

Square

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



24.3279, 1.2358, -20.2482



24.3279, 17.5478, 3.5715



24.3279, -3.7349, 12.3887



24.3279, -15.7281, -1.1603

Rectangle

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



24.3275, 1.2357, -20.2488



24.3279, 14.6751, -8.5272



24.3279, -3.7349, 12.3887



24.3279, -13.9860, 8.2497

Sweetspot

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



24.3279, 1.2358, -20.2482



45.6902, -2.4209, -5.5069



34.8465, -19.1327, 6.7022



21.6610, -1.1211, -3.1741



75.5302, -4.0301, 4.1037



25.2436, -1.3469, 1.3715

Same Dimension

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



24.3279, 1.2358, -20.2482



28.7612, 4.4369, -35.6066



19.2970, 13.7697, -32.3217



17.8714, -0.9835, -0.4005



17.5833, 11.1426, -46.0313



37.6820, 30.0301, -111.9256

Inverse Universe

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



23.5753, 21.7340, 0.7474



28.4990, 35.3783, 2.2605



37.3156, -10.9172, 18.8575



17.7026, 0.7056, 0.7368



19.9611, 35.0945, 5.8408



44.8839, 78.5787, 15.7196

Previews

White Background



This preview shows how the HunterLab color 24.3275, 1.2357, -20.2488 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 24.3275, 1.2357, -20.2488 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

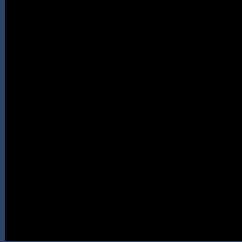
Any Text WCAG AA × Fail

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 24.3275, 1.2357, -20.2488 Background



This preview shows how black text looks on a background with the HunterLab color 24.3275, 1.2357, -20.2488.



This preview shows how white text looks on a background with the HunterLab color 24.3275, 1.2357, -20.2488.

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

24.3275, 1.2357, -20.2488

Protanopia

24.2514, 3.4541, -19.6813

Deuteranopia

24.3746, 1.3946, -20.1487



Tritanopia

24.3917, -8.8141, -4.0465

Trichromacy



Original Color

24.3275, 1.2357, -20.2488

Protanomaly

24.3326, 2.4536, -19.5330

Deuteranomaly

24.3746, 1.3946, -20.1487

Tritanomaly

24.3182, -5.6076, -9.2445

Monochromacy



Original Color

24.3275, 1.2357, -20.2488

Achromatopsia

23.3410, -1.2454, 1.2682

Achromatomaly

23.5012, -1.0609, -5.6763

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 24.3275, 1.2357, -20.2488 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(45, 69, 109)` looks like.

```
.text, #text, p{  
    color:rgb(45, 69, 109)  
}
```

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(45, 69, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 69, 109) }
```

Border

The CSS property to change the border of an element to HunterLab 24.3275, 1.2357, -20.2488 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(45, 69, 109) }
```


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

```
.border{ border-color:rgb(45, 69, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 69, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 69, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 69, 109);  
box-shadow:4px 4px 4px 4px rgb(45, 69,  
109) }
```

Background

The CSS property to change the background color of an element to HunterLab 24.3275, 1.2357, -20.2488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 69, 109) }
```

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

```
.background{ background-color: rgb(45, 69,  
109) }
```

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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