

Converting Colors

HunterLab(42.8075, 2.8555,
-19.6354)

Have a look what the booklet for
HunterLab(42.8075, 2.8555,
-19.6354) contains.

HunterLab(42.8075, 2.8555, -19.6354)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(42.8075, 2.8555,
-19.6354)**

Conversions

Conversions Part 1

Format	Color
Hex	6A75A0
RGB	106, 117, 160
RGB Percent	42%, 46%, 63%
CMY	0.5843, 0.5412, 0.3725
CMYK	0.34, 0.27, 0.00, 0.37
HSL	228°, 22%, 52%
HSV	228°, 34%, 63%
XYZ	18.6503, 18.3248, 35.8118
YIQ	118.6130, -20.3590, 11.0410

Conversions

Conversions Part 2

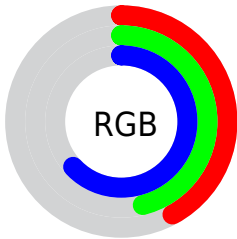
Format	Color
R_{YB}	106, 115, 160
Decimal	6976928
CIE _{Lab}	49.89, 6.55, -24.45
CIE _{LCh}	50, 25.316, 284.993
Yxy	18.3255, 0.2562, 0.2518
Android (android.graphics.Color)	4285167008 (0xFF6A75A0)
YUV	118.6130, 20.4038, -11.0616
Hunter-Lab	42.8075, 2.8555, -19.6354

Details

The HunterLab color $42.8075, 2.8555, -19.6354$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $54.7809, -5.1303, 18.9072$, and the grayscale version is $42.7306, -2.2800, 2.3216$.

A 20% lighter version of the original color is $63.7598, 2.5077, -20.4506$, and $24.8590, 2.9242, -18.4684$ is the 20% darker color. If you saturate the color by 10%, you get $38.2952, 5.4111, -27.7992$, and if you desaturate by 10%, it is $47.5109, 0.7134, -12.2151$.

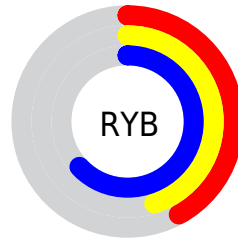
Distribution



Red (42%)

Green (46%)

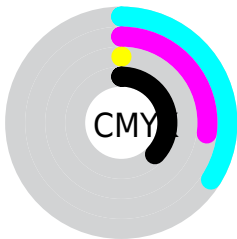
Blue (63%)



Red (42%)

Yellow (45%)

Blue (63%)

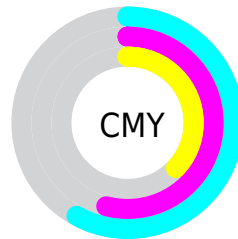


Cyan (34%)

Magenta (27%)

Yellow (0%)

Black (37%)



Cyan (58%)

Magenta (54%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.8075, 2.8555, -19.6354 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 42.8075, 2.8555, -19.6354 by changing the saturation by 10% instead.

■ 42.8075, 2.8555,
-19.6354

■ 42.8075, 2.8555,
-19.6354

■ 155.7882, -0.5163,
-21.5452

■ 33.4424, 2.9686,
-19.1410

■ 63.7113, 2.4361,
-20.4587

■ 24.8811, 3.0048,
-18.6176

■ 75.1559, 2.1441,
-20.7808

■ 17.2087, 2.9485,
-18.1263

■ 87.2141, 1.8036,
-21.0435

■ 10.5433, 2.7750,
-17.8615

■ 99.8560, 1.4183,
-21.2487

0.0000, INF, -NF

0.0000, NaN, -NF

■ 113.0557, 0.9913,
-21.3991

0.0000, NaN, NaN

■ 126.7907, 0.5251,

0.0000, NaN, NaN

-21.4970

0.0000, NaN, NaN

141.0409, 0.0219,
-21.5449

■ 42.8075, 2.8555,
-19.6354

■ 42.8075, 2.8555,
-19.6354

■ 38.2952, 5.4111,
-27.7992

■ 47.5109, 0.7134,
-12.2151

■ 34.0082, 8.4841,
-36.8779

■ 52.3754, -1.0973,
-5.3945

■ 29.9967, 12.1920,
-47.0390

■ 57.3810, -2.6422,
0.9472

■ 26.3276, 16.6459,
-58.3831

■ 62.5115, -3.9721,
6.9056

■ 23.0895, 21.8883,
-70.7902

■ 67.7538, -5.1267,
12.5564

■ 20.3914, 27.7630,
-83.6496

■ 73.0977, -6.1368,
17.9592

■ 18.9826, 31.4556,
-91.6302

■ 78.5346, -7.0266,
23.1614

■ 84.0574, -7.8156,
28.2004

■ 89.6602, -8.5192,
33.1064

Harmonies

Analogous

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



42.8083, -7.2003, -19.6329



42.8075, 2.8555, -19.6354



42.8083, 12.3294, -12.9033

Triad

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



42.8083, 2.8551, -19.6345



42.8083, 12.3330, 13.4431



42.8083, -19.4777, 6.8434

Complementary

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



42.8075, 2.8555, -19.6354



54.7809, -5.1303, 18.9072

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.



42.8083, -15.1714, 13.4452



42.8075, 2.8555, -19.6354



42.8083, 2.8596, 16.6104

Square

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



42.8083, 2.8551, -19.6345



42.8083, 18.1367, 6.8398



42.8083, -7.1962, 16.6111



42.8083, -19.4786, -2.7306

Rectangle

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



42.8075, 2.8555, -19.6354



42.8083, 16.7757, -6.2389



42.8083, -7.1962, 16.6111



42.8083, -18.5046, 9.4277

Sweetspot

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



42.8083, 2.8551, -19.6345



72.9527, -2.2559, -4.1637



55.0943, -19.0326, 3.3304



33.7513, -0.9242, -2.4835



89.8524, -4.7943, 4.8819



37.4146, -1.9963, 2.0328

Same Dimension

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



42.8083, 2.8551, -19.6345



53.3832, 6.1999, -34.0652



41.1503, 12.2569, -22.3475



25.7746, -0.8607, -1.1706



16.9123, 27.2325, -79.9261



3.2095, 1.1800, -6.5589

Inverse Universe

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



43.6653, 17.0461, 4.3521



55.0653, 28.8744, 6.6702



56.7231, -14.9389, 20.4376



25.8208, 1.0311, 1.5524



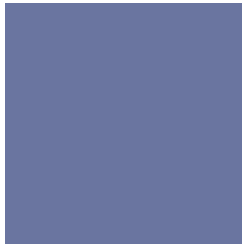
24.3125, 42.0025, 12.8677



3.3306, 5.9087, 0.5624

Previews

White Background



This preview shows how the HunterLab color 42.8075, 2.8555, -19.6354 looks on a white background.

Color Contrast Check

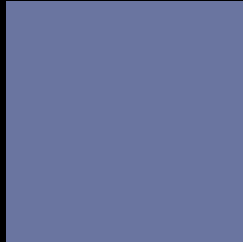
Large Text (above 18pt) WCAG AA ✓ Pass

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 42.8075, 2.8555, -19.6354 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

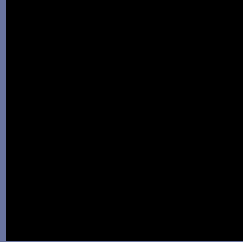
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

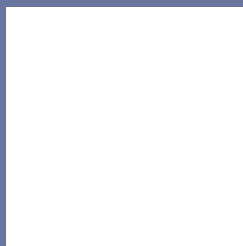
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 42.8075, 2.8555, -19.6354 Background



This preview shows how black text looks on a background with the HunterLab color 42.8075, 2.8555, -19.6354.



This preview shows how white text looks on a background with the HunterLab color 42.8075, 2.8555, -19.6354.

-19.6354.

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

42.8075, 2.8555, -19.6354

Protanopia

42.8075, 2.8555, -19.6354

Deuteranopia

42.8794, 3.0969, -19.5096



Tritanopia

42.7719, -6.4924, -4.0181

Trichromacy



Original Color

42.8075, 2.8555, -19.6354

Protanomaly

42.8075, 2.8555, -19.6354

Deuteranomaly

42.8794, 3.0969, -19.5096

Tritanomaly

42.6740, -3.2426, -9.3169

Monochromacy



Original Color

42.8075, 2.8555, -19.6354

Achromatopsia

42.9506, -2.2917, 2.3336

Achromatomaly

42.7265, -0.7378, -4.9828

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.8075, 2.8555, -19.6354 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(106, 117, 160)` looks like.

```
.text, #text, p{  
    color:rgb(106, 117, 160)  
}
```

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(106, 117, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 117, 160) }
```

Border

The CSS property to change the border of an element to HunterLab 42.8075, 2.8555, -19.6354 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(106, 117, 160) }
```


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

```
.border{ border-color:rgb(106, 117, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 117, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 117, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 117, 160);  
box-shadow:4px 4px 4px 4px rgb(106, 117,  
160) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.8075, 2.8555, -19.6354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 117, 160) }
```

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

```
.background{ background-color: rgb(106,  
117, 160) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor