

Converting Colors

HunterLab(21.3138, 3.8726,
-29.4601)

Have a look what the booklet for
HunterLab(21.3138, 3.8726,
-29.4601) contains.

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Color

**HunterLab(21.2237, 3.9812,
-29.6757)**

Conversions

Conversions Part 1

Format	Color
Hex	193B70
RGB	25, 59, 112
RGB Percent	10%, 23%, 44%
CMY	0.9019, 0.7686, 0.5608
CMYK	0.78, 0.47, 0.00, 0.56
HSL	217°, 63%, 27%
HSV	217°, 78%, 44%
XYZ	4.8895, 4.5045, 15.9410
YIQ	54.8760, -37.2770, 9.2750

Conversions

Conversions Part 2

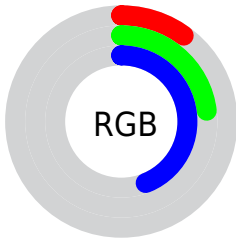
Format	Color
R_{YB}	25, 49, 112
Decimal	1653616
CIE Lab	25.27, 8.05, -34.25
CIE LCh	25, 35.182, 283.234
Yxy	4.5046, 0.1930, 0.1778
Android (android.graphics.Color)	4279843696 (0xFF193B70)
YUV	54.8760, 28.1621, -26.2013
Hunter-Lab	21.2237, 3.9812, -29.6757




Details

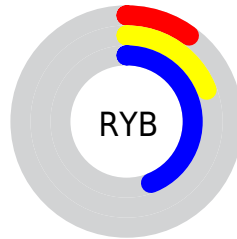
The HunterLab color **21.2237, 3.9812, -29.6757** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **29.9410, 4.7315, 16.7104**, and the grayscale version is **19.4210, -1.0363, 1.0552**.




A 20% lighter version of the original color is **38.4477, 3.9098, -30.4017**, and **8.7810, 7.5197, -27.2083** is the 20% darker color. If you saturate the color by 10%, you get **19.3223, 6.2669, -35.0218**, and if you desaturate by 10%, it is **23.2906, 2.1397, -24.6342**.

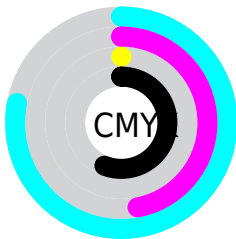
Distribution







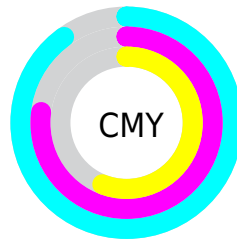
-  Red (10%)
-  Green (23%)
-  Blue (44%)






-  Red (10%)
-  Yellow (19%)
-  Blue (44%)



-  Cyan (78%)
-  Magenta (47%)
-  Yellow (0%)
-  Black (56%)



-  Cyan (90%)
-  Magenta (77%)
-  Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.2237, 3.9812, -29.6757 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 21.2237, 3.9812, -29.6757 by changing the saturation by 10% instead.

■ 21.2237, 3.9812,
-29.6757

■ 21.2237, 3.9812,
-29.6757

■ 120.3874, 2.4165,
-34.3349

■ 13.9987, 3.7688,
-29.7111

■ 38.3908, 4.0918,
-30.6720

■ 7.6411, 4.1849,
-32.3337

■ 48.1626, 4.0242,
-31.2925

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 58.6463, 3.8893,
-31.9050

0.0000, NaN, NaN

■ 69.7965, 3.6946,
-32.4856

0.0000, NaN, NaN

■ 81.5755, 3.4458,
-33.0227

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 93.9514, 3.1475,

-33.5110

0.0000, NaN, NaN

106.8967, 2.8034,
-33.9485

21.2237, 3.9812,
-29.6757

21.2237, 3.9812,
-29.6757

19.3223, 6.2669,
-35.0218

23.2906, 2.1397,
-24.6342

17.5799, 8.9277,
-40.7106

25.5005, 0.6995,
-19.9159

17.1867, 9.5626,
-42.1248

27.8349, -0.3899,
-15.5075

30.2778, -1.1782,
-11.3816

32.8159, -1.7106,
-7.5051

■ 35.4385, -2.0257,
-3.8450

■ 38.1365, -2.1560,
-0.3704

■ 40.9023, -2.1286,
2.9459

■ 43.7298, -1.9657,
6.1277

Harmonies

Analogous

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



21.2240, -6.9513, -28.9675



21.2237, 3.9812, -29.6757



21.2240, 15.5713, -19.6241

Triad

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



21.2240, 3.9817, -29.6751



21.2240, 16.7810, 10.8935



21.2240, -17.9598, 6.2212

Complementary

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



21.2237, 3.9812, -29.6757



29.9410, 4.7315, 16.7104

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.



21.2240, -13.8741, 11.2684



21.2237, 3.9812, -29.6757



21.2240, 5.3872, 12.9254

Square

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



21.2240, 3.9817, -29.6751



21.2240, 23.9224, 5.3008



21.2240, -5.8061, 13.0351



21.2240, -18.1829, -4.0433

Rectangle

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



21.2237, 3.9812, -29.6757



21.2240, 21.5066, -10.1858



21.2240, -5.8061, 13.0351



21.2240, -17.0379, 8.4209

Sweetspot

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



21.2240, 3.9817, -29.6751



44.8971, -2.4694, -7.9406



35.1196, -23.1261, 9.3188



21.5189, -1.1426, -4.5859



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

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



21.2240, 3.9817, -29.6751



23.8231, 11.0773, -52.1481



14.8340, 21.2397, -51.7572



18.6935, -1.0631, -0.4070



18.3634, 10.5457, -45.7178



39.0166, 28.1868, -109.6146

Inverse Universe

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



21.1094, 29.1784, 1.8967



25.7513, 43.2890, 5.7995



38.1576, -12.5215, 21.8637



18.4962, 0.7667, 0.7364



20.4603, 36.0354, 5.4963



45.4912, 79.7882, 14.7981

Previews

White Background



This preview shows how the HunterLab color 21.2237, 3.9812, -29.6757 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 21.2237, 3.9812, -29.6757 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

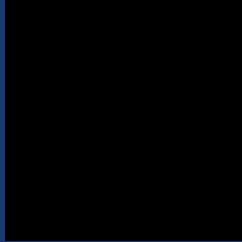
Any Text WCAG AA × Fail

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 21.2237, 3.9812, -29.6757 Background



This preview shows how black text looks on a background with the HunterLab color 21.2237, 3.9812, -29.6757.



This preview shows how white text looks on a background with the HunterLab color 21.2237, 3.9812, -29.6757.

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

21.2237, 3.9812, -29.6757

Protanopia

21.1681, 4.9325, -28.9927

Deuteranopia

21.0243, 0.3565, -27.0481



Tritanopia

21.1406, -10.4456, -3.8748

Trichromacy



Original Color

21.2237, 3.9812, -29.6757

Protanomaly

21.0595, 4.5850, -29.2829

Deuteranomaly

20.9617, 1.5419, -27.9792

Tritanomaly

20.9684, -5.8294, -12.0757

Monochromacy



Original Color

21.2237, 3.9812, -29.6757

Achromatopsia

19.5459, -1.0429, 1.0620

Achromatomaly

19.7120, -0.4713, -8.4277

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.2237, 3.9812, -29.6757 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(25, 59, 112)` looks like.

```
.text, #text, p{  
    color:rgb(25, 59, 112)  
}
```

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(25, 59, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 59, 112) }
```

Border

The CSS property to change the border of an element to HunterLab 21.2237, 3.9812, -29.6757 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(25, 59, 112) }
```


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

```
.border{ border-color:rgb(25, 59, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 59, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 59, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 59, 112);  
box-shadow:4px 4px 4px 4px rgb(25, 59,  
112) }
```

Background

The CSS property to change the background color of an element to HunterLab 21.2237, 3.9812, -29.6757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 59, 112) }
```

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

```
.background{ background-color: rgb(25, 59,  
112) }
```

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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