

Converting Colors

HunterLab(21.1190, 8.4550,
-29.8742)

Have a look what the booklet for
HunterLab(21.1190, 8.4550,
-29.8742) contains.

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Color

**HunterLab(21.1190, 8.4550,
-29.8742)**

Conversions

Conversions Part 1

Format	Color
Hex	2D3770
RGB	45, 55, 112
RGB Percent	18%, 22%, 44%
CMY	0.8235, 0.7843, 0.5608
CMYK	0.60, 0.51, 0.00, 0.56
HSL	231°, 43%, 31%
HSV	231°, 60%, 44%
XYZ	5.3730, 4.4601, 15.9069
YIQ	58.5080, -24.2570, 15.6070

Conversions

Conversions Part 2

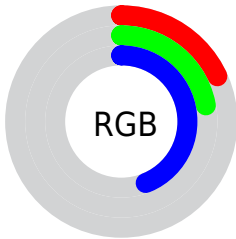
Format	Color
R_{YB}	45, 54, 112
Decimal	2963312
CIE Lab	25.14, 14.58, -34.41
CIE LCh	25, 37.368, 292.961
Yxy	4.4603, 0.2087, 0.1733
Android (android.graphics.Color)	4281153392 (0xFF2D3770)
YUV	58.5080, 26.3716, -11.8465
Hunter-Lab	21.1190, 8.4550, -29.8742

Details

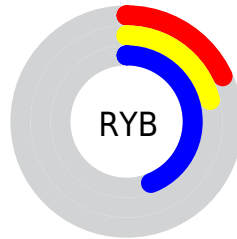
The HunterLab color **21.1190, 8.4550, -29.8742** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **36.2458, -4.7892, 18.1891**, and the grayscale version is **20.6628, -1.1025, 1.1226**.

A 20% lighter version of the original color is **38.3725, 9.0534, -30.4641**, and **8.1118, 9.3351, -30.2908** is the 20% darker color. If you saturate the color by 10%, you get **18.4921, 11.4078, -37.5548**, and if you desaturate by 10%, it is **23.9651, 5.9561, -23.0535**.

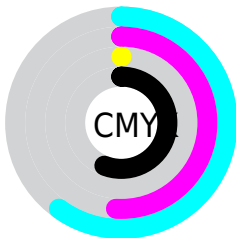
Distribution



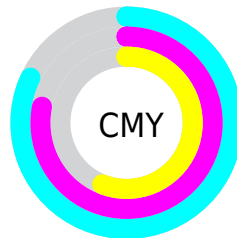
- Red (18%)
- Green (22%)
- Blue (44%)



- Red (18%)
- Yellow (21%)
- Blue (44%)



- Cyan (60%)
- Magenta (51%)
- Yellow (0%)
- Black (56%)



- Cyan (82%)
- Magenta (78%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.1190, 8.4550, -29.8742 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 21.1190, 8.4550, -29.8742 by changing the saturation by 10% instead.

■ 21.1190, 8.4550,
-29.8742

■ 21.1190, 8.4550,
-29.8742

■ 120.2006, 9.7681,
-34.5473

■ 13.9076, 7.8107,
-29.9321

■ 38.2632, 9.3362,
-30.8603

■ 7.5421, 8.0476,
-32.7767

■ 48.0249, 9.6168,
-31.4817

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 58.4993, 9.8106,
-32.0967

0.0000, NaN, NaN

■ 69.6407, 9.9277,
-32.6807

0.0000, NaN, NaN

■ 81.4115, 9.9762,
-33.2218

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 93.7795, 9.9625,

-33.7144

0.0000, NaN, NaN

106.7172, 9.8916,
-34.1564

■ 21.1190, 8.4550,
-29.8742

■ 21.1190, 8.4550,
-29.8742

■ 18.4921, 11.4078,
-37.5548

■ 23.9651, 5.9561,
-23.0535

■ 16.1421, 14.8570,
-46.0978

■ 26.9867, 3.8351,
-16.9825

■ 14.1459, 18.7368,
-55.2054

■ 30.1528, 2.0184,
-11.5271

■ 12.5241, 22.6344,
-64.4566

■ 33.4406, 0.4435,
-6.5652

■ 12.4976, 22.7009,
-64.6256

■ 36.8330, -0.9394,
-1.9957

■ 40.3170, -2.1689,
2.2619

■ 43.8824, -3.2752,
6.2712

■ 47.5212, -4.2814,
10.0817

■ 51.2267, -5.2057,
13.7323

Harmonies

Analogous

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



21.1193, -3.8329, -33.3683



21.1190, 8.4550, -29.8742



21.1193, 20.1662, -16.3855

Triad

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



21.1193, 8.4553, -29.8736



21.1193, 14.3224, 12.1312



21.1193, -19.2357, 3.6234

Complementary

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



21.1190, 8.4550, -29.8742



36.2458, -4.7892, 18.1891

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.



21.1193, -16.3389, 10.4462



21.1190, 8.4550, -29.8742



21.1193, 1.7202, 13.5558

Square

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



21.1193, 8.4553, -29.8736



21.1193, 24.0390, 7.9466



21.1193, -9.2584, 13.0300



21.1193, -18.2004, -9.1028

Rectangle

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



21.1190, 8.4550, -29.8742



21.1193, 25.1874, -6.1896



21.1193, -9.2584, 13.0300



21.1193, -18.7156, 6.5393

Sweetspot

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



21.1193, 8.4553, -29.8736



44.9209, 0.3274, -7.8582



36.2004, -17.6298, 1.4308



21.5101, 0.3834, -4.5719



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.



21.1193, 8.4553, -29.8736



23.1933, 16.9007, -54.2544



20.7175, 17.8412, -30.7915



18.3670, -0.5172, -0.8102



13.3465, 24.7309, -70.0689



28.3805, 60.4092, -165.8792

Inverse Universe

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



23.6593, 21.2936, 5.8936



28.1163, 34.8706, 9.9608



37.2554, -15.6322, 18.7314



18.4632, 0.5887, 1.2078



20.0640, 34.5760, 11.2923



44.6888, 76.8285, 26.5698

Previews

White Background



This preview shows how the HunterLab color 21.1190, 8.4550, -29.8742 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 21.1190, 8.4550, -29.8742 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

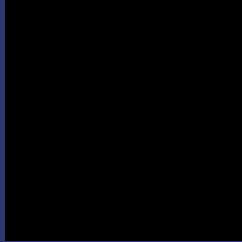
Any Text WCAG AA × Fail

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 21.1190, 8.4550, -29.8742 Background



This preview shows how black text looks on a background with the HunterLab color 21.1190, 8.4550, -29.8742.



This preview shows how white text looks on a background with the HunterLab color 21.1190, 8.4550,

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

21.1190, 8.4550, -29.8742

Protanopia

21.1743, 5.3780, -32.2748

Deuteranopia

20.9739, 0.0836, -26.3958



Tritanopia

21.0770, -7.9058, -3.4505

Trichromacy



Original Color

21.1190, 8.4550, -29.8742

Protanomaly

21.1293, 6.3413, -31.5403

Deuteranomaly

20.8380, 2.4062, -28.2832

Tritanomaly

20.7767, -2.5467, -11.7676

Monochromacy



Original Color

21.1190, 8.4550, -29.8742

Achromatopsia

20.9129, -1.1159, 1.1362

Achromatomaly

20.8817, 1.1504, -7.5778

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.1190, 8.4550, -29.8742 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, 55, 112)` looks like.

```
.text, #text, p{  
    color:rgb(45, 55, 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(45, 55, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 55, 112) }
```

Border

The CSS property to change the border of an element to HunterLab 21.1190, 8.4550, -29.8742 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, 55, 112) }
```


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

```
.border{ border-color:rgb(45, 55, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 55, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 55, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 55, 112);  
box-shadow:4px 4px 4px 4px rgb(45, 55,  
112) }
```

Background

The CSS property to change the background color of an element to HunterLab 21.1190, 8.4550, -29.8742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 55, 112) }
```

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

```
.background{ background-color: rgb(45, 55,  
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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