

Converting Colors

HunterLab(25.1229, -6.4211,
-5.1069)

Have a look what the booklet for
HunterLab(25.1229, -6.4211,
-5.1069) contains.

HunterLab(24.9918, -6.3245, -5.0998)	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(24.9918, -6.3245,
-5.0998)**

Conversions

Conversions Part 1

Format	Color
Hex	2D4B55
RGB	45, 75, 85
RGB Percent	18%, 29%, 33%
CMY	0.8235, 0.7059, 0.6667
CMYK	0.47, 0.12, 0.00, 0.67
HSL	195°, 31%, 25%
HSV	195°, 47%, 33%
XYZ	5.2379, 6.2459, 9.5238
YIQ	67.1700, -21.0900, -3.2500

Conversions

Conversions Part 2

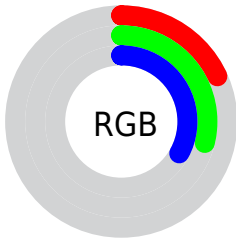
Format	Color
R_{YB}	45, 62, 85
Decimal	2968405
CIE _{Lab}	30.03, -8.11, -9.43
CIE _{LCh}	30, 12.434, 229.297
Yxy	6.2461, 0.2493, 0.2973
Android (android.graphics.Color)	4281158485 (0xFF2D4B55)
YUV	67.1700, 8.7902, -19.4431
Hunter-Lab	24.9918, -6.3245, -5.0998

Details

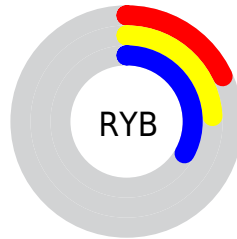
The HunterLab color **24.9918, -6.3245, -5.0998** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **22.0300, 6.7104, 7.0103**, and the grayscale version is **23.7270, -1.2660, 1.2891**.

A 20% lighter version of the original color is **43.0020, -8.4436, -5.2540**, and **10.6451, -3.9903, -4.6915** is the 20% darker color. If you saturate the color by 10%, you get **24.0601, -6.7963, -6.4719**, and if you desaturate by 10%, it is **25.9844, -5.6491, -3.6978**.

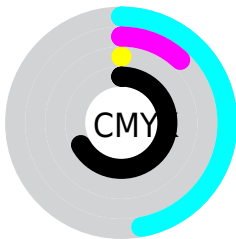
Distribution



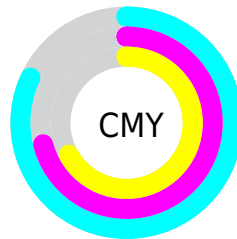
- Red (18%)
- Green (29%)
- Blue (33%)



- Red (18%)
- Yellow (24%)
- Blue (33%)



- Cyan (47%)
- Magenta (12%)
- Yellow (0%)
- Black (67%)



- Cyan (82%)
- Magenta (71%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 24.9918, -6.3245, -5.0998 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 24.9918, -6.3245, -5.0998 by changing the saturation by 10% instead.

■ 24.9918, -6.3245,
-5.0998

■ 24.9918, -6.3245,
-5.0998

■ 126.9819,
-15.5978, -3.3752

■ 17.3070, -5.2884,
-4.9559

■ 42.9415, -8.3453,
-5.1352

■ 10.6268, -4.2016,
-4.7171

■ 53.0578, -9.3523,
-5.0458

■ 0.5277, -0.9235,
-74.0157

■ 63.8633, -10.3651,
-4.8946

0.0000, NaN, NaN

■ 75.3166, -11.3868,
-4.6872

0.0000, NaN, NaN

■ 87.3829, -12.4196,
-4.4280

0.0000, NaN, NaN

■ 100.0325,

0.0000, NaN, NaN

-13.4650, -4.1209

0.0000, NaN, NaN

113.2397,
-14.5242, -3.7691

■ 24.9918, -6.3245,
-5.0998

■ 24.9918, -6.3245,
-5.0998

■ 24.0601, -6.7963,
-6.4719

■ 25.9844, -5.6491,
-3.6978

■ 23.1899, -7.0520,
-7.8074

■ 27.0339, -4.7836,
-2.2746

■ 22.3828, -7.0838,
-9.0977

■ 28.1382, -3.7432,
-0.8361

■ 21.6388, -6.8893,
-10.3354

■ 29.2945, -2.5431,
0.6121

■ 20.9320, -6.5647,
-11.5605

■ 30.4997, -1.1982,
2.0657

■ 20.7237, -6.4719,
-11.9318

■ 31.7511, 0.2776,
3.5211

■ 33.0460, 1.8714,
4.9758

■ 34.3818, 3.5714,
6.4277

■ 35.7559, 5.3668,
7.8755

Harmonies

Analogous

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



24.9923, -8.4235, -1.2780



24.9918, -6.3245, -5.0998



24.9923, -2.7984, -7.2984

Triad

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



24.9923, -6.3247, -5.0994



24.9923, 6.9917, -0.0896



24.9923, -3.9154, 7.5122

Complementary

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



24.9918, -6.3245, -5.0998



22.0300, 6.7104, 7.0103

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.



24.9923, 0.1632, 7.7243



24.9918, -6.3245, -5.0998



24.9923, 6.6440, 3.7392

Square

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



24.9923, -6.3247, -5.0994



24.9923, 5.0011, -4.1083



24.9923, 4.0800, 6.4542



24.9923, -7.0965, 5.8183

Rectangle

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



24.9918, -6.3245, -5.0998



24.9923, -0.0338, -7.3414



24.9923, 4.0800, 6.4542



24.9923, -2.6099, 7.7474

Sweetspot

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



24.9923, -6.3247, -5.0994



37.1257, -4.4998, -0.6017



27.0638, -14.3541, 8.6889



18.6882, -2.3832, -0.4368



69.0652, -3.6851, 3.7524



19.9203, -1.0629, 1.0823

Same Dimension

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



24.9923, -6.3247, -5.0994



31.3232, -8.9104, -8.5890



20.0252, 1.6816, -13.0772



15.1113, -1.4355, 0.1864



26.1705, -7.9317, -15.5886



60.8339, -17.1008, -39.1214

Inverse Universe

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



20.7755, 14.8058, -5.9366



24.9804, 24.0806, -9.4876



26.5764, -1.5677, 10.8099



14.6366, 0.7247, 0.0569



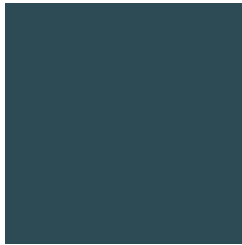
19.2770, 36.0420, -11.0284



45.5268, 84.8470, -23.9214

Previews

White Background



This preview shows how the HunterLab color 24.9918, -6.3245, -5.0998 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 24.9918, -6.3245, -5.0998 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

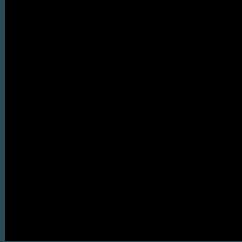
Any Text WCAG AA × Fail

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 24.9918, -6.3245, -5.0998 Background



This preview shows how black text looks on a background with the HunterLab color 24.9918, -6.3245, -5.0998.



This preview shows how white text looks on a background with the HunterLab color 24.9918, -6.3245, -5.0998.

-5.0998.

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

24.9918, -6.3245, -5.0998

Protanopia

24.9368, 0.0037, -3.6136

Deuteranopia

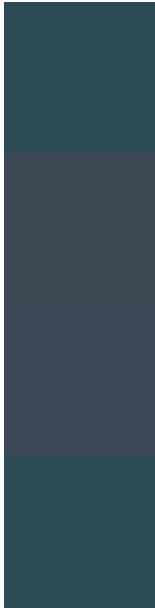
24.8864, 1.3641, -5.6163



Tritanopia

25.1268, -7.4138, -3.4829

Trichromacy



Original Color

24.9918, -6.3245, -5.0998

Protanomaly

24.9398, -2.5464, -4.1319

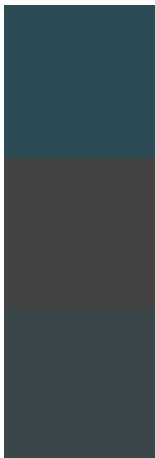
Deuteranomaly

24.7770, -1.6009, -5.8282

Tritanomaly

25.1573, -7.2395, -3.9119

Monochromacy



Original Color

24.9918, -6.3245, -5.0998

Achromatopsia

23.6915, -1.2641, 1.2872

Achromatomaly

24.0926, -3.4148, -1.1573

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 24.9918, -6.3245, -5.0998 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, 75, 85)` looks like.

```
.text, #text, p{  
    color:rgb(45, 75, 85)  
}
```

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, 75, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 75, 85) }
```

Border

The CSS property to change the border of an element to HunterLab 24.9918, -6.3245, -5.0998 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, 75, 85) }
```


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

```
.border{ border-color:rgb(45, 75, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 75, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 75, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 75, 85);  
box-shadow:4px 4px 4px 4px rgb(45, 75, 85)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 24.9918, -6.3245, -5.0998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 75, 85) }
```

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

```
.background{ background-color: rgb(45, 75,  
85) }
```

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