

Converting Colors

HunterLab(8.6105, 42.1860,
-39.8572)

Have a look what the booklet for
HunterLab(8.6105, 42.1860,
-39.8572) contains.

HunterLab(12.1188, 24.9456, -24.6625)	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(12.1188, 24.9456,
-24.6625)**

Conversions

Conversions Part 1

Format	Color
Hex	3C004B
RGB	60, 0, 75
RGB Percent	24%, 0%, 29%
CMY	0.7647, 1.0000, 0.7059
CMYK	0.20, 1.00, 0.00, 0.71
HSL	288°, 100%, 15%
HSV	288°, 100%, 29%
XYZ	3.1335, 1.4687, 6.7749
YIQ	26.4900, 11.6850, 36.0450

Conversions

Conversions Part 2

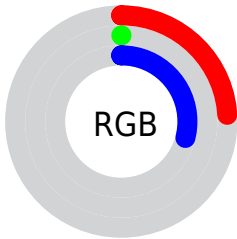
Format	Color
R_{YB}	60, 0, 75
Decimal	3932235
CIE _{Lab}	12.41, 37.88, -30.27
CIE _{LCh}	12, 48.490, 321.367
Yxy	1.4687, 0.2754, 0.1291
Android (android.graphics.Color)	4282122315 (0xFF3C004B)
YUV	26.4900, 23.9154, 29.3883
Hunter-Lab	12.1188, 24.9456, -24.6625

Details

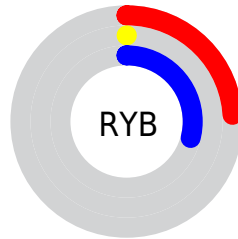
The HunterLab color **12.1188, 24.9456, -24.6625** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **22.6577, -18.2770, 13.6415**, and the grayscale version is **10.2401, -0.5464, 0.5564**.

A 20% lighter version of the original color is **27.0013, 28.2535, -24.7388**, and **3.0617, 8.3047, -21.7544** is the 20% darker color. If you saturate the color by 10%, you get **12.1189, 24.9457, -24.6623**, and if you desaturate by 10%, it is **12.9573, 22.8803, -22.0747**.

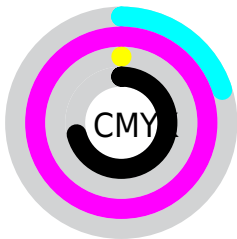
Distribution



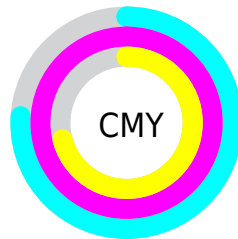
- Red (24%)
- Green (0%)
- Blue (29%)



- Red (24%)
- Yellow (0%)
- Blue (29%)



- Cyan (20%)
- Magenta (100%)
- Yellow (0%)
- Black (71%)



- Cyan (76%)
- Magenta (100%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.1188, 24.9456, -24.6625 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 12.1188, 24.9456, -24.6625 by changing the saturation by 10% instead.

12.1188, 24.9456,
-24.6625

12.1188, 24.9456,
-24.6625

103.1296, 36.4109,
-28.6136

5.1629, 33.3100,
-33.6565

26.9579, 28.2640,
-25.1698

0.0000, INF, -NF

0.0000, NaN, NaN

35.7288, 29.7752,
-25.7371

0.0000, NaN, NaN

45.2867, 31.1581,
-26.3199

0.0000, NaN, NaN

0.0000, NaN, NaN

55.5714, 32.4182,
-26.8769

0.0000, NaN, NaN

66.5348, 33.5647,
-27.3902

0.0000, NaN, NaN

78.1370, 34.6068,

0.0000, NaN, NaN

-27.8521

90.3449, 35.5530,
-28.2600

12.1188, 24.9456,
-24.6625

12.1188, 24.9456,
-24.6625

12.1189, 24.9457,
-24.6623

12.9573, 22.8803,
-22.0747

13.8075, 20.9650,
-19.7087

14.8594, 18.6066,
-17.0784

16.1086, 15.9247,
-14.2958

17.5317, 13.0644,
-11.4802

■ 19.1052, 10.1296,
-8.7079

■ 20.8081, 7.1859,
-6.0196

■ 22.6221, 4.2704,
-3.4319

■ 24.5322, 1.4010,
-0.9468

Harmonies

Analogous

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



12.1190, 9.5982, -47.0617



12.1188, 24.9456, -24.6625



12.1190, 34.1919, -3.3722

Triad

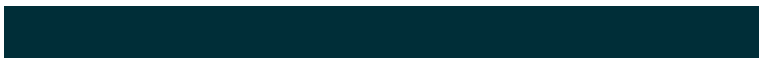
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



12.1190, 24.9453, -24.6618



12.1190, 3.2415, 8.4833



12.1190, -18.2150, -11.2272

Complementary

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



12.1188, 24.9456, -24.6625



22.6577, -18.2770, 13.6415

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.



12.1190, -19.2159, 3.6549



12.1188, 24.9456, -24.6625



12.1190, -8.3247, 8.4833

Square

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



12.1190, 24.9453, -24.6618



12.1190, 18.6842, 8.4833



12.1190, -15.5980, 8.4833



12.1190, -12.8636, -35.1482

Rectangle

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



12.1188, 24.9456, -24.6625



12.1190, 33.8009, 4.4351



12.1190, -15.5980, 8.4833



12.1190, -19.0714, -4.8719

Sweetspot

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



12.1190, 24.9453, -24.6618



26.8392, 9.7802, -8.2197



9.2178, 11.7704, -36.9300



13.2459, 5.3013, -4.4807



65.8695, -3.5146, 3.5788



17.3419, -0.9253, 0.9422

Same Dimension

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



12.1190, 24.9453, -24.6618



15.6867, 32.3538, -32.4200



13.2225, 24.5528, -6.2566



13.0859, 0.5427, -0.3314



16.5387, 34.1233, -34.2753



39.7823, 82.4185, -85.0684

Inverse Universe

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



12.3708, 21.4637, 5.8325



16.0755, 27.8304, 8.0574



22.5656, -18.4026, 11.5211



13.0684, 0.3373, 0.7771



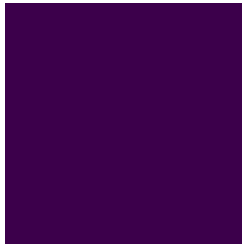
16.9609, 29.3523, 8.5859



41.1544, 70.9555, 22.8926

Previews

White Background



This preview shows how the HunterLab color 12.1188, 24.9456, -24.6625 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



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

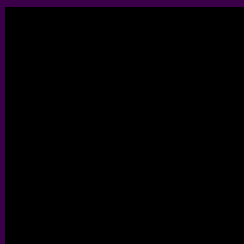
Any Text WCAG AA × Fail

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 12.1188, 24.9456, -24.6625 Background



This preview shows how black text looks on a background with the HunterLab color 12.1188, 24.9456, -24.6625.



This preview shows how white text looks on a background with the HunterLab color 12.1188, 24.9456, -24.6625.

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

12.1188, 24.9456, -24.6625

Protanopia

13.0769, 2.6549, -22.0762

Deuteranopia

13.3401, -0.9125, -14.7040



Tritanopia

13.2939, 6.5628, 2.2120

Trichromacy



Original Color

12.1188, 24.9456, -24.6625

Protanomaly

11.1910, 10.5264, -28.1865

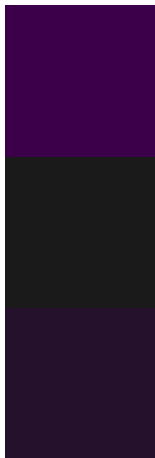
Deuteranomaly

11.1960, 8.0155, -22.7763

Tritanomaly

12.1933, 13.5131, -5.8470

Monochromacy



Original Color

12.1188, 24.9456, -24.6625

Achromatopsia

10.1636, -0.5423, 0.5522

Achromatomaly

9.9740, 8.5740, -7.8687

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.1188, 24.9456, -24.6625 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(60, 0, 75)` looks like.

```
.text, #text, p{  
    color:rgb(60, 0, 75)  
}
```

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(60, 0, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 0, 75) }
```

Border

The CSS property to change the border of an element to HunterLab 12.1188, 24.9456, -24.6625 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(60, 0, 75) }
```


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

```
.border{ border-color:rgb(60, 0, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 0, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 0, 75); -webkit-box-shadow:4px  
4px 4px 4px rgb(60, 0, 75); box-shadow:4px  
4px 4px 4px rgb(60, 0, 75) }
```

Background

The CSS property to change the background color of an element to HunterLab 12.1188, 24.9456, -24.6625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 0, 75) }
```

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

```
.background{ background-color: rgb(60, 0,  
75) }
```

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