

Converting Colors

HunterLab(10.2034, 41.8182,
-20.8278)

Have a look what the booklet for
HunterLab(10.2034, 41.8182,
-20.8278) contains.

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Color

**HunterLab(13.6602, 26.1033,
-12.1784)**

Conversions

Conversions Part 1

Format	Color
Hex	4B0040
RGB	75, 0, 64
RGB Percent	29%, 0%, 25%
CMY	0.7059, 1.0000, 0.7490
CMYK	0.00, 1.00, 0.15, 0.71
HSL	309°, 100%, 15%
HSV	309°, 100%, 29%
XYZ	3.8270, 1.8660, 5.0089
YIQ	29.7210, 24.1560, 35.8040

Conversions

Conversions Part 2

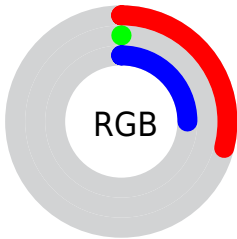
Format	Color
RYB	75, 0, 64
Decimal	4915264
CIELab	14.77, 38.75, -18.61
CIElCh	15, 42.992, 334.344
Yxy	1.8661, 0.3576, 0.1744
Android (android.graphics.Color)	4283105344 (0xFF4B0040)
YUV	29.7210, 16.8995, 39.7097
Hunter-Lab	13.6602, 26.1033, -12.1784

Details

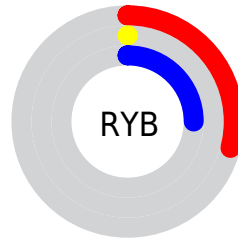
The HunterLab color **13.6602, 26.1033, -12.1784** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **22.4864, -18.8981, 12.6901**, and the grayscale version is **11.2523, -0.6004, 0.6114**.

A 20% lighter version of the original color is **29.0073, 29.5001, -12.9418**, and **5.1070, 9.8061, -4.9180** is the 20% darker color. If you saturate the color by 10%, you get **13.6602, 26.1033, -12.1781**, and if you desaturate by 10%, it is **14.2883, 24.2185, -11.5867**.

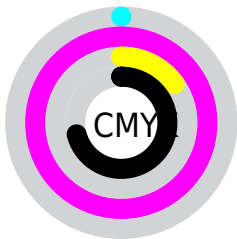
Distribution



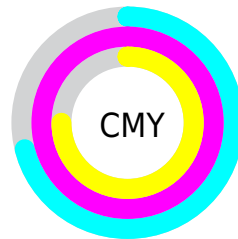
- Red (29%)
- Green (0%)
- Blue (25%)



- Red (29%)
- Yellow (0%)
- Blue (25%)



- Cyan (0%)
- Magenta (100%)
- Yellow (15%)
- Black (71%)



- Cyan (71%)
- Magenta (100%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.6602, 26.1033, -12.1784 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 13.6602, 26.1033, -12.1784 by changing the saturation by 10% instead.

■ 13.6602, 26.1033,
-12.1784

■ 13.6602, 26.1033,
-12.1784

■ 106.2288, 37.6487,
-14.3023

■ 7.2655, 26.7121,
-12.8157

■ 28.9535, 29.4459,
-13.0639

0.0000, INF, -NF

0.0000, NaN, NaN

■ 37.9165, 30.9601,
-13.4372

0.0000, NaN, NaN

■ 47.6509, 32.3477,
-13.7418

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 58.0998, 33.6145,
-13.9779

0.0000, NaN, NaN


■ 69.2172, 34.7695,
-14.1483


0.0000, NaN, NaN

■ 80.9653, 35.8215,


0.0000, NaN, NaN


-14.2568

 93.3117, 36.7788,
-14.3069


 13.6602, 26.1033,
-12.1784


 13.6602, 26.1033,
-12.1784


 13.6602, 26.1033,
-12.1781

 14.2883, 24.2185,
-11.5867

 14.9443, 22.3633,
-10.9718

 15.8050, 20.0065,
-10.0087

 16.8726, 17.2511,
-8.7444

 18.1286, 14.2453,
-7.2611

■ 19.5518, 11.1104,
-5.6317

■ 21.1211, 7.9328,
-3.9132

■ 22.8175, 4.7676,
-2.1455

■ 24.6240, 1.6461,
-0.3550

Harmonies

Analogous

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



13.6605, 14.4533, -31.4469



13.6602, 26.1033, -12.1784



13.6605, 29.7919, 2.2700

Triad

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



13.6605, 26.1023, -12.1778



13.6605, -2.3953, 9.5624



13.6605, -14.9235, -17.7258

Complementary

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



13.6602, 26.1033, -12.1784



22.4864, -18.8981, 12.6901

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.



13.6605, -17.2749, -0.9822



13.6602, 26.1033, -12.1784



13.6605, -11.2616, 9.5624

Square

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



13.6605, 26.1023, -12.1778



13.6605, 10.4627, 9.5624



13.6605, -15.9622, 7.4842



13.6605, -9.1827, -36.1401

Rectangle

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



13.6602, 26.1033, -12.1784



13.6605, 26.4673, 7.2135



13.6605, -15.9622, 7.4842



13.6605, -16.0949, -11.3760

Sweetspot

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



13.6605, 26.1023, -12.1778



27.2644, 10.7890, -5.3479



7.5672, 19.6695, -47.1483



13.4765, 5.8399, -2.9161



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.



13.6605, 26.1023, -12.1778



17.7640, 33.9099, -15.5633



12.5595, 22.1557, 3.0870



13.1274, 0.6553, -0.0632



18.7444, 35.7748, -16.3708



45.5176, 86.6899, -38.3351

Inverse Universe

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



13.6605, 26.1023, -12.1778



17.7640, 33.9099, -15.5633



22.8943, -16.3678, 6.7181



13.1274, 0.6553, -0.0632



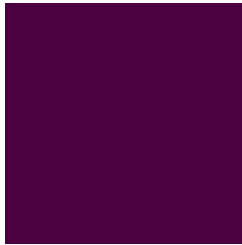
18.7444, 35.7748, -16.3708



45.5176, 86.6899, -38.3351

Previews

White Background



This preview shows how the HunterLab color 13.6602, 26.1033, -12.1784 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

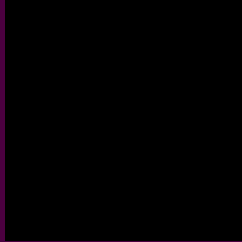
Any Text WCAG AA × Fail

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 13.6602, 26.1033, -12.1784 Background



This preview shows how black text looks on a background with the HunterLab color 13.6602, 26.1033, -12.1784.



This preview shows how white text looks on a background with the HunterLab color 13.6602, 26.1033, -12.1784.

-12.1784.

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

13.6602, 26.1033, -12.1784

Protanopia

14.7427, 3.2405, -25.4224

Deuteranopia

15.0073, 0.7160, -7.6293



Tritanopia

14.6701, 13.4822, 5.0849

Trichromacy



Original Color

13.6602, 26.1033, -12.1784

Protanomaly

12.1000, 10.3824, -26.7661

Deuteranomaly

13.1479, 10.6375, -11.6208

Tritanomaly

13.9293, 18.1167, 0.3555

Monochromacy



Original Color

13.6602, 26.1033, -12.1784

Achromatopsia

11.3943, -0.6080, 0.6191

Achromatomaly

11.0171, 9.5196, -4.8331

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.6602, 26.1033, -12.1784 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(75, 0, 64)` looks like.

```
.text, #text, p{  
    color:rgb(75, 0, 64)  
}
```

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(75, 0, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 0, 64) }
```

Border

The CSS property to change the border of an element to HunterLab 13.6602, 26.1033, -12.1784 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(75, 0, 64) }
```


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

```
.border{ border-color:rgb(75, 0, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 0, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 0, 64); -webkit-box-shadow:4px  
4px 4px 4px rgb(75, 0, 64); box-shadow:4px  
4px 4px 4px rgb(75, 0, 64) }
```

Background

The CSS property to change the background color of an element to HunterLab 13.6602, 26.1033, -12.1784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 0, 64) }
```

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

```
.background{ background-color: rgb(75, 0,  
64) }
```

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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