

Converting Colors

HunterLab(18.1255, 4.0400,
-12.7342)

Have a look what the booklet for
HunterLab(18.1255, 4.0400,
-12.7342) contains.

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Color

**HunterLab(18.1184, 4.1588,
-12.9689)**

Conversions

Conversions Part 1

Format	Color
Hex	2F304F
RGB	47, 48, 79
RGB Percent	18%, 19%, 31%
CMY	0.8157, 0.8118, 0.6902
CMYK	0.41, 0.39, 0.00, 0.69
HSL	238°, 25%, 25%
HSV	238°, 41%, 31%
XYZ	3.6405, 3.2828, 7.8389
YIQ	51.2350, -10.5470, 9.4290

Conversions

Conversions Part 2

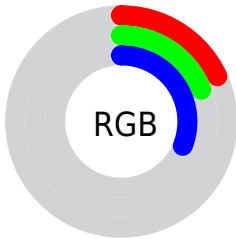
Format	Color
R_{YB}	47, 48, 79
Decimal	3092559
CIE _{Lab}	21.14, 8.45, -19.16
CIE _{LCh}	21, 20.941, 293.788
Yxy	3.2829, 0.2466, 0.2224
Android (android.graphics.Color)	4281282639 (0xFF2F304F)
YUV	51.2350, 13.6881, -3.7141
Hunter-Lab	18.1184, 4.1588, -12.9689

Details

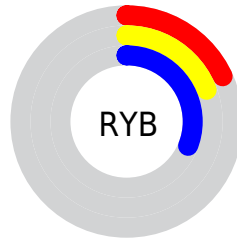
The HunterLab color **18.1184, 4.1588, -12.9689** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **27.0488, -4.6914, 10.6900**, and the grayscale version is **18.2320, -0.9728, 0.9906**.

A 20% lighter version of the original color is **34.5595, 4.1613, -13.6677**, and **3.7511, 9.6588, -22.6527** is the 20% darker color. If you saturate the color by 10%, you get **15.9342, 5.9733, -17.6014**, and if you desaturate by 10%, it is **20.4179, 2.5506, -8.8541**.

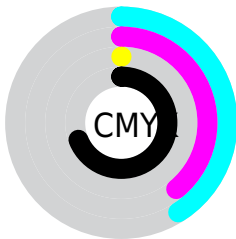
Distribution



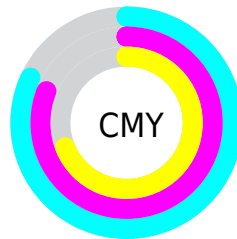
- Red (18%)
- Green (19%)
- Blue (31%)



- Red (18%)
- Yellow (19%)
- Blue (31%)



- Cyan (41%)
- Magenta (39%)
- Yellow (0%)
- Black (69%)



- Cyan (82%)
- Magenta (81%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.1184, 4.1588, -12.9689 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 18.1184, 4.1588, -12.9689 by changing the saturation by 10% instead.

■ 18.1184, 4.1588,
-12.9689

■ 18.1184, 4.1588,
-12.9689

■ 114.7497, 3.0120,
-14.9274

■ 11.3188, 3.8620,
-12.5362

■ 34.5746, 4.3972,
-13.8384

■ 3.5572, 10.1567,
-23.7419

■ 44.0366, 4.3821,
-14.1854

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 54.2322, 4.2946,
-14.4643

0.0000, NaN, NaN

■ 65.1121, 4.1433,
-14.6766

0.0000, NaN, NaN

■ 76.6355, 3.9348,
-14.8255

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 88.7684, 3.6741,

-14.9146

0.0000, NaN, NaN

101.4816, 3.3653,
-14.9475

■ 18.1184, 4.1588,
-12.9689

■ 18.1184, 4.1588,
-12.9689

■ 15.9342, 5.9733,
-17.6014

■ 20.4179, 2.5506,
-8.8541

■ 13.8917, 8.0425,
-22.8705

■ 22.8121, 1.1051,
-5.1497

■ 12.0304, 10.4039,
-28.8610

■ 25.2870, -0.2134,
-1.7661

■ 10.4044, 13.0407,
-35.5137

■ 27.8320, -1.4326,
1.3667

■ 9.0789, 15.7832,
-42.4373

■ 30.4387, -2.5741,
4.3025

■ 7.8620, 18.8924,
-50.6100

■ 33.1010, -3.6540,
7.0829

■ 35.8135, -4.6851,
9.7399

■ 38.5723, -5.6771,
12.2983

■ 41.3737, -6.6378,
14.7776

Harmonies

Analogous

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



18.1187, -2.2547, -14.5308



18.1184, 4.1588, -12.9689



18.1187, 9.8276, -7.1865

Triad

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



18.1187, 4.1587, -12.9684



18.1187, 6.7232, 8.0165



18.1187, -11.4675, 2.1845

Complementary

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



18.1184, 4.1588, -12.9689



27.0488, -4.6914, 10.6900

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.



18.1187, -9.7090, 6.5399



18.1184, 4.1588, -12.9689



18.1187, 0.3561, 9.0870

Square

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



18.1187, 4.1587, -12.9684



18.1187, 11.4435, 5.0309



18.1187, -5.5808, 8.6576



18.1187, -10.7369, -4.2792

Rectangle

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



18.1184, 4.1588, -12.9689



18.1187, 12.1304, -2.5188



18.1187, -5.5808, 8.6576



18.1187, -11.1565, 3.9063

Sweetspot

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



18.1187, 4.1587, -12.9684



32.3378, 0.0404, -3.1201



25.9721, -8.7428, -0.5748



16.0591, 0.0626, -1.6665



66.9319, -3.5713, 3.6365



18.1947, -0.9708, 0.9886

Same Dimension

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



18.1187, 4.1587, -12.9684



20.7110, 7.8421, -23.0862



19.0254, 8.0843, -11.1875



12.9009, -0.2256, -0.5794



10.1415, 25.0733, -66.8020



24.1677, 63.2555, -166.7579

Inverse Universe

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



19.7708, 8.5084, 3.9455



23.5478, 14.6163, 6.1077



26.2479, -9.0213, 9.9408



13.0537, 0.2583, 0.9859



16.8278, 28.8597, 10.5520



40.9342, 70.1395, 26.1531

Previews

White Background



This preview shows how the HunterLab color 18.1184, 4.1588, -12.9689 looks on a white background.

Color Contrast Check

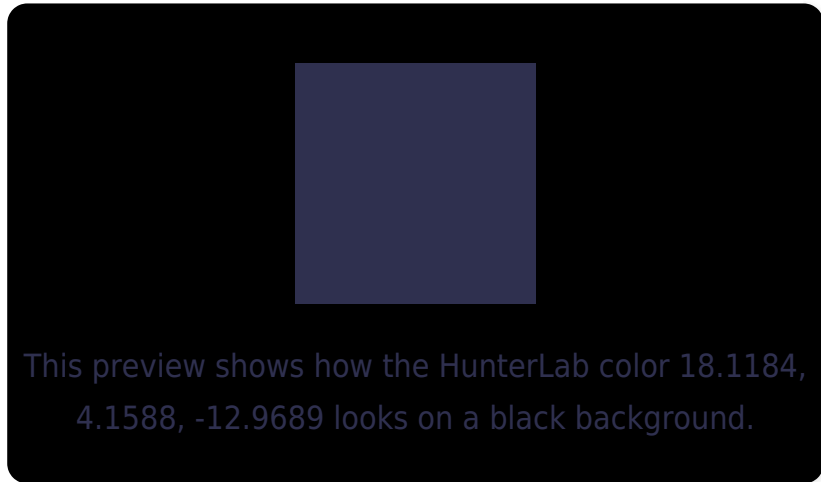
Large Text (above 18pt) WCAG AA ✓ Pass

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

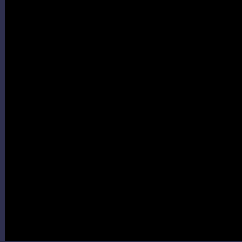
Any Text WCAG AA × Fail

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 18.1184, 4.1588, -12.9689 Background



This preview shows how black text looks on a background with the HunterLab color 18.1184, 4.1588, -12.9689.



This preview shows how white text looks on a background with the HunterLab color 18.1184, 4.1588, -12.9689.

-12.9689.

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

18.1184, 4.1588, -12.9689

Protanopia

18.1841, 2.1667, -14.1390

Deuteranopia

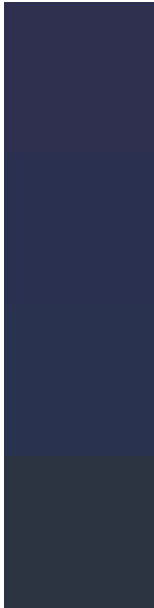
18.1962, 0.7438, -12.2600



Tritanopia

18.2588, -2.9525, -1.3702

Trichromacy



Original Color

18.1184, 4.1588, -12.9689

Protanomaly

18.0778, 2.9341, -13.7004

Deuteranomaly

18.1733, 1.8886, -12.2837

Tritanomaly

18.1240, -0.4304, -5.1998

Monochromacy



Original Color

18.1184, 4.1588, -12.9689

Achromatopsia

18.1947, -0.9708, 0.9886

Achromatomaly

18.1555, 0.6557, -3.2187

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.1184, 4.1588, -12.9689 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(47, 48, 79)` looks like.

```
.text, #text, p{  
    color:rgb(47, 48, 79)  
}
```

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(47, 48, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 48, 79) }
```

Border

The CSS property to change the border of an element to HunterLab 18.1184, 4.1588, -12.9689 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(47, 48, 79) }
```


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

```
.border{ border-color:rgb(47, 48, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 48, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 48, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 48, 79);  
box-shadow:4px 4px 4px 4px rgb(47, 48, 79)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.1184, 4.1588, -12.9689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 48, 79) }
```

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

```
.background{ background-color: rgb(47, 48,  
79) }
```

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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