

Converting Colors

HunterLab(30.7062, -6.0071,
-14.3030)

Have a look what the booklet for
HunterLab(30.7062, -6.0071,
-14.3030) contains.

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Color

**HunterLab(30.6505, -5.9805,
-14.3726)**

Conversions

Conversions Part 1

Format	Color
Hex	2F5B76
RGB	47, 91, 118
RGB Percent	18%, 36%, 46%
CMY	0.8157, 0.6431, 0.5373
CMYK	0.60, 0.23, 0.00, 0.54
HSL	203°, 43%, 32%
HSV	203°, 60%, 46%
XYZ	8.1834, 9.3945, 18.5216
YIQ	80.9220, -34.8910, -0.9310

Conversions

Conversions Part 2

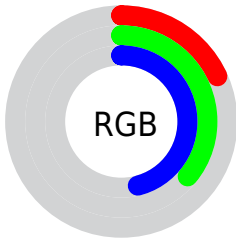
Format	Color
R_{YB}	47, 74, 118
Decimal	3103606
CIE _{Lab}	36.73, -6.51, -19.90
CIE _{LCh}	37, 20.935, 251.874
Yxy	9.3949, 0.2267, 0.2602
Android (android.graphics.Color)	4281293686 (0xFF2F5B76)
YUV	80.9220, 18.2795, -29.7496
Hunter-Lab	30.6505, -5.9805, -14.3726




Details

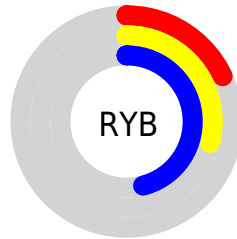
The HunterLab color $30.6505, -5.9805, -14.3726$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $29.9246, 9.8674, 13.2830$, and the grayscale version is $28.6024, -1.5262, 1.5540$.




A 20% lighter version of the original color is $49.6031, -7.9027, -15.0302$, and $15.2282, -2.6916, -13.2236$ is the 20% darker color. If you saturate the color by 10%, you get $28.9946, -5.5588, -17.2794$, and if you desaturate by 10%, it is $32.4108, -6.0592, -11.4889$.

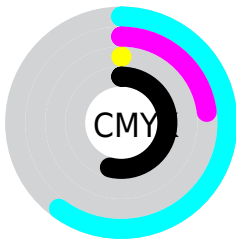
Distribution







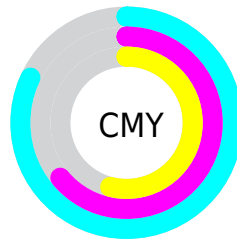
-  Red (18%)
-  Green (36%)
-  Blue (46%)






-  Red (18%)
-  Yellow (29%)
-  Blue (46%)



-  Cyan (60%)
-  Magenta (23%)
-  Yellow (0%)
-  Black (54%)



-  Cyan (82%)
-  Magenta (64%)
-  Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.6505, -5.9805, -14.3726 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 30.6505, -5.9805, -14.3726 by changing the saturation by 10% instead.

■ 30.6505, -5.9805,
-14.3726

■ 30.6505, -5.9805,
-14.3726

■ 136.4906,
-14.5670, -15.7166

■ 22.3598, -5.0778,
-13.9190

■ 49.6497, -7.7935,
-15.1021

■ 14.9901, -4.1625,
-13.4508

■ 60.2333, -8.7147,
-15.3675

■ 8.6340, -3.7482,
-13.2418

■ 71.4775, -9.6496,
-15.5683

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 83.3456, -10.5997,
-15.7077

0.0000, NaN, NaN

■ 95.8062, -11.5659,
-15.7890

0.0000, NaN, NaN

■ 108.8325,

0.0000, NaN, NaN

-12.5490, -15.8156

0.0000, NaN, NaN

122.4010,
-13.5493, -15.7906

■ 30.6505, -5.9805,
-14.3726

■ 30.6505, -5.9805,
-14.3726

■ 28.9946, -5.5588,
-17.2794

■ 32.4108, -6.0592,
-11.4889

■ 27.4474, -4.7725,
-20.1947

■ 34.2673, -5.8222,
-8.6421

■ 26.0133, -3.6111,
-23.0993

■ 36.2136, -5.2990,
-5.8398

■ 24.6775, -2.2383,
-26.0129

■ 38.2431, -4.5185,
-3.0864

■ 40.3494, -3.5081,
-0.3837

■ 42.5268, -2.2929,
2.2688

■ 44.7698, -0.8956,
4.8726

■ 47.0737, 0.6641,
7.4305

■ 49.4341, 2.3685,
9.9455

Harmonies

Analogous

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



30.6511, -11.6193, -8.9295



30.6505, -5.9805, -14.3726



30.6511, 1.3758, -14.9482

Triad

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



30.6511, -5.9805, -14.3720



30.6511, 13.7297, 4.3497



30.6511, -10.6507, 10.2010

Complementary

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



30.6505, -5.9805, -14.3726



29.9246, 9.8674, 13.2830

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.



30.6511, -4.5380, 12.2569



30.6505, -5.9805, -14.3726



30.6511, 9.8127, 9.4617

Square

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



30.6511, -5.9805, -14.3720



30.6511, 13.2489, -2.8959



30.6511, 2.9625, 12.0234



30.6511, -14.1324, 5.6235

Rectangle

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



30.6505, -5.9805, -14.3726



30.6511, 6.3254, -12.3568



30.6511, 2.9625, 12.0234



30.6511, -8.8616, 11.1542

Sweetspot

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



30.6511, -5.9805, -14.3720



51.1838, -5.7820, -3.4720



37.4739, -23.4014, 12.6988



24.2322, -2.9089, -2.0725



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



30.6511, -5.9805, -14.3720



37.6861, -7.0500, -24.3146



21.8782, 9.6834, -32.7980



19.8303, -1.6510, -0.0388



25.6198, -2.2505, -27.1643



55.0401, -2.4692, -63.4651

Inverse Universe

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



25.7687, 26.7817, -6.4261



31.0460, 42.6650, -8.9027



38.5941, -5.5475, 19.5524



19.3273, 0.9993, 0.2838



21.6485, 39.4746, -4.6221



47.6105, 86.4955, -7.6929

Previews

White Background



This preview shows how the HunterLab color 30.6505, -5.9805, -14.3726 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 30.6505, -5.9805, -14.3726 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

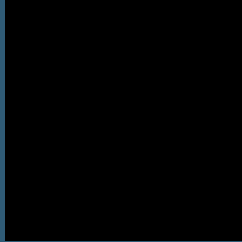
Any Text WCAG AA × Fail

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 30.6505, -5.9805, -14.3726 Background



This preview shows how black text looks on a background with the HunterLab color 30.6505, -5.9805, -14.3726.



This preview shows how white text looks on a background with the HunterLab color 30.6505, -5.9805, -14.3726.

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

30.6505, -5.9805, -14.3726

Protanopia

30.5477, 1.6304, -12.0465

Deuteranopia

30.5365, 1.9758, -15.0355



Tritanopia

30.6852, -11.3734, -5.5795

Trichromacy



Original Color

30.6505, -5.9805, -14.3726

Protanomaly

30.4097, -1.4599, -12.9108

Deuteranomaly

30.4502, -1.0104, -15.2370

Tritanomaly

30.7002, -9.4355, -8.6474

Monochromacy



Original Color

30.6505, -5.9805, -14.3726

Achromatopsia

28.6850, -1.5306, 1.5585

Achromatomaly

29.2752, -4.1412, -3.4802

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.6505, -5.9805, -14.3726 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, 91, 118)` looks like.

```
.text, #text, p{  
    color:rgb(47, 91, 118)  
}
```

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, 91, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 91, 118) }
```

Border

The CSS property to change the border of an element to HunterLab 30.6505, -5.9805, -14.3726 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, 91, 118) }
```


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

```
.border{ border-color:rgb(47, 91, 118) }
```

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

Here you see how a box with a 4 pixel rgb(47, 91, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 91, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 91, 118);  
box-shadow:4px 4px 4px 4px rgb(47, 91,  
118) }
```

Background

The CSS property to change the background color of an element to HunterLab 30.6505, -5.9805, -14.3726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 91, 118) }
```

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

```
.background{ background-color: rgb(47, 91,  
118) }
```

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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